

Documentation for the Academic Libraries Survey (ALS) Public Use Data File:

Fiscal Year 2010

December 2011

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| | |
|--|-----|
| I. Introduction | 1 |
| II. User's Guide | 2 |
| A. Survey Methodology | 2 |
| B. Guidelines for Processing the Academic Libraries Data File | 6 |
| III. Appendixes | |
| A. ALS 2010 Record Layout | A-1 |
| B. ALS 2010 Survey Instrument and Instructions | B-1 |
| C. Distribution of Continuous Variable on Academic Libraries Survey: 2010..... | C-1 |
| D. Categorical Variable Frequencies on Academic Libraries Survey: 2010 | D-1 |
| E. Crosswalk of Data Items/Variables between 2008 and 2010 Academic Libraries Survey..... | E-1 |
| F. ALS 2010 Response Rate Tables. | F-1 |
| G. Academic Libraries Survey's Nonresponse Bias Study for FY 2000 through FY 2008 | G-1 |
| H. Academic Libraries Survey Response Rates used in the ALS Nonresponse Bias Analysis..... | H-1 |
| I. Academic Libraries Survey Total Quantity Response Rates used in the ALS Nonresponse Bias Analysis..... | I-1 |

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I. Introduction

This public-use file contains final data on academic libraries in the 50 states, the District of Columbia, and the outlying areas for 2010. The data were collected through the Academic Libraries Survey (ALS), a voluntary survey conducted biennially by the National Center for Education Statistics (NCES). The data collection agent was the U.S. Census Bureau.

Background

An academic library is the library associated with a degree-granting institution of higher education. For this survey, academic libraries must meet the following criteria: (1) total expenditures that exceeds \$10,000, (2) an organized collection of printed or other materials or a combination thereof; (3) a staff trained to provide and interpret such materials as required to meet the informational, cultural, recreational, or educational needs of clientele; (4) an established schedule in which services of the staff are available to clientele; and (5) the physical facilities necessary to support such a collection, staff, and schedule.

The American Library Association's Office of Research and Statistics has provided substantial assistance and guidance for the collection of the ALS. In addition, a Library Representative is appointed in each state to serve as a data coordinator to support and encourage the survey respondents.

Purpose of Survey

During the fiscal year 2010, ALS provided NCES with the basic data needed to produce descriptive statistics for academic libraries in the 50 states, the District of Columbia, and the outlying areas of the United States. The ALS collects data on the libraries in the universe of 2-year and 4-year degree-granting postsecondary institutions in the 50 states and the District of Columbia. Collection of these data will enable the nation to plan effectively for the development and use of postsecondary education library resources.

Data Uses

Congress uses the data to assess the need for revisions of existing legislation concerning academic libraries and academic library programs. Federal agencies that administer library grants for collection development, resource sharing and networking activities (i.e., the Institute of Museum and Library Services (IMLS), the National Library of Medicine (NLM), and the Library of Congress) need the data to evaluate the condition of academic libraries in order to better administer their programs. State education agencies and college librarians and administrators use the data for regional and national comparisons of library resources to plan for the effective use of funds. Finally, library associations and researchers use the survey results to determine the status of academic library operations and the librarian profession.

Congressional Authorization

The National Center for Education Statistics (NCES) of the Institute of Education Sciences (IES), U.S. Department of Education, conducts this study, as authorized under Section 153(a) of the Education Sciences Reform Act of 2002 (H.R. 3801) which states:

“(a) GENERAL DUTIES.—The Statistics Center shall collect, report, analyze, and disseminate statistical data related to education in the United States and in other nations, including—(1) collecting, acquiring, compiling (where appropriate, on a State-by-State basis), and disseminating full and complete statistics (disaggregated by the population characteristics described in paragraph (3) on the condition and progress of education, at the...postsecondary...level[s] in the United States, including data on—
(E) access to, and opportunity for, postsecondary education...”

Activities for the Academic Libraries Survey are included in Subsection (e) of Part 1.

II. User’s Guide

A. Survey Methodology

The survey universe is comprised of all 2- and 4-year degree-granting postsecondary institutions with a library. This survey file contains final data on 3,996 academic libraries in the 50 states and the District of Columbia and 80 academic libraries in the outlying areas for the 2010 Academic Libraries Survey.

Survey Questionnaire

The ALS data are collected over the Internet via a web-based reporting system. The web application includes a user guide and tutorial that explain its features and operation, the survey instrument, and an edit check tool. The web application was designed to minimize response burden, to improve data quality and timeliness, and to require minimal or no edit follow-up for data problems.

The FY 2010 survey collected data on public service hours, collections, library service transactions, staff, expenditures, electronic services, and information literacy. The questionnaire and instructions are provided in Appendix B.

Reporting Period

Library circulation, interlibrary loans, operating expenditures, and library collections data are for fiscal year (FY) 2010. Fiscal year 2010 is defined as any 12-month period between June 1, 2009 and September 30, 2010, that corresponds to the institution’s fiscal year. Library staff data are for fall 2010. Other library services data are for a typical week in the fall of 2010.

Survey Response Rate

Unit Response

There were a total of 3,689 degree-granting postsecondary institutions in the 50 states and the District of Columbia in the 2010 ALS¹. The unit response rate among these institutions was 86.1 percent.

Item Response

The response rate for each variable in the ALS 2010 survey is given in Appendix F, Table F-1. Item response rates for items where all libraries are in-scope, or eligible to answer, are calculated by dividing the total number of responding libraries by the total number of libraries in the universe (3,689). Libraries in the outlying areas as well as child institutions are considered out-of-scope for this calculation. See description of child institutions on page 8.

Nonresponse Bias Analysis

NCES statistical standards call for a nonresponse bias analysis for a survey program with a unit response rate (URR) or item response rate (IRR) less than 85 percent. Based on the 2010 ALS publication tables, the survey program URR is above 85 percent, but numerous IRRs are below 85percent. Therefore, based on NCES statistical standards, a nonresponse bias study was required. The study was limited to a preliminary analysis of response rates to help uncover areas where we would recommend directing a future, more extensive nonresponse bias study. Please refer to Appendix G for the nonresponse bias analysis and Appendix H for the unit response rates and Appendix I for the total quantity response rates.

Data Collection and Processing

The ALS survey was released on the web on November 9, 2010. The survey had a due date of February 28, 2011, although it was extended to April 8, 2011. Data are collected and processed for NCES by the U.S. Census Bureau, Governments Division. For the 2010 Web-based data collection, state-level library coordinators were available to promote prompt responses from librarians.

Editing and Imputation

Editing

The Web-based data collection application features internal edit checks. An edit check tool alerts the respondent to questionable data via interactive "edit check warnings" during the data entry process and through edit check reports that can be viewed on screen or printed. The edit check program enables the respondent to submit edited data to NCES, which usually requires little or no follow-up for data problems. The edit check tool includes seven types of edits:

- *Summations* - Reported totals are compared with the sums of the component data items. If they are not equal, a warning message is generated.

¹ From the universe of 4,076 records, subtract 80 institutions in the outlying areas, 305 institutions that are children, and 2 institutions that are nonrespondents with status code=3.

- *Relational edit checks* - The program compares responses entered in one section of the questionnaire with responses entered in another section of the questionnaire for consistency. For example, if a librarian reports that books and bound serials were added during the fiscal year, the program would look for some expenditure to be reported for books and bound serials. If the former is reported without the latter, an error message is generated. Another example is that the number of volumes of print materials added during the fiscal year cannot exceed the total number of volumes held at the end of the fiscal year.
- *Range checks* - An error message is generated if responses are above or below expected amounts. For example, if e-books added during the fiscal year were greater than 250,000, an error message is generated. If the reported hours of service are greater than 168 hours per week, an error message is generated.
- *Current year/prior year comparisons* – If the current year data do not fall within the “acceptable range” for the prior reporting period, an error message is generated.
- *Ratios* – If the ratio of one item to another must not exceed a limit, such as when the ratio of program attendance to number of presentations exceeds an upper limit and is not reasonable, an error message will be generated.
- *Item comparison* — One item should not exceed another, such as books added during the year should not exceed books held at the end of the year.
- *Missing or blank items* – If an item is not reported by a respondent, such as missing total expenditures, then an error message will be generated.

After responses were received, the U.S. Census Bureau reviewed the data and contacted respondents with questionable data to request verification or correction of that data. Data records were then aggregated into preliminary draft tables, which were reviewed by NCES and the U.S. Census Bureau for data quality issues.

Imputation

When surveys are sent to the U.S. Census Bureau for processing, responses are not always given for every data item. In order to make complete datasets for constructing estimates of totals, imputation for the missing data items is necessary. This section describes the imputation methods that were used to fill in for the missing data.

For imputation, institutions were grouped into 27 imputation cells. The imputation cells were determined based on sector and full-time equivalent (FTE) enrollment. The sector categories used are (1) public, 4-year or above; (2) private non-profit, 4-year or above; (3) private for profit, 4-year or above; (4) public, 2-year; (5) private non-profit, 2-year; and (6) private for profit, 2-year. The following imputation methodologies were used to fill data for missing values:

- If a value was missing and prior year (FY 2008 or FY 2006) data were available and were not expected to change, then the missing value was filled with the value in the prior year. For example, the number of reported Branches and Independent Libraries (Item 100) is likely to remain constant from year to year, so the prior year value was brought forward, if the current year was not reported.
- If a value was missing, prior year data were available, and the value was expected to change from the prior year, then the missing value was filled with the prior year value multiplied by the median growth rate within the imputation cell. For example, the number of Full-time Librarians (Item 200, column 1) is expected to change from year to year, so this imputation method was used.
- If a value was missing and prior year data were unavailable or older than FY 2006, then data were imputed using the current year median cell distribution ratio or the current year cell median. For example, impute E-books Added (Item 401, column 1) using the value of E-books Held (Item 401, column 2) multiplied by the median cell distribution ratio of E-books Added to E-books Held.
- If there were missing current year data that prevented the use of a current year median cell distribution ratio, then the current year cell median was imputed. For example, if it was not possible to impute E-books Added using a current year median cell distribution ratio because E-books Held was missing, then E-books Added was imputed with the current year cell median.
- After imputation, if a total was missing or known to need adjustment, then the total was readjusted to equal the sum of its detail items.

For FY 2010, there was a new section of items (Items 511 – 517). For these items, Total Services to Individuals used the prior year annualized Reference Transactions times the cell median growth rate to impute. If prior year data were unavailable, the current year cell median was used because all the detail items and totals were new, the current year median cell distribution ratio was the methodology used.

None of the yes/no variables (Electronic Services (Items 700-703), Information Literacy (Items 800-804) or Virtual Reference items (900-904)) were imputed.

Changes Since Survey Year 2000

The procedure of using medians instead of means for imputation also represents a change from past survey cycles. While research indicates that the effect of the change in imputation procedure was not large, caution should be exercised in making comparisons with 2000 or earlier reports.

Data Confidentiality

Separate laws (see <http://nces.ed.gov/statprog/confproc.asp>) govern the protection of the confidentiality of individually identifiable information collected by the NCES—the Privacy Act of 1974, the Education Sciences Reform Act of 2002, the USA Patriot Act of 2001, and the E-Government Act of 2002. These laws require NCES to ensure that the confidentiality of

respondents is maintained. For this reason, data for the ALS are released as public-use and restricted-use files.

NCES releases data to the public for statistical purposes only. Every effort has been made to provide the maximum research information that is consistent with reasonable confidentiality protections. Record matching to identify individual respondents or deductive disclosure by any user is prohibited. Procedures for disclosure avoidance were used in preparing public-use data for release. Data on the public-use files have been modified so that institution respondents cannot be identified. **Restricted-use files, which include all reported data, are released only to researchers licensed by NCES.** For information on obtaining a restricted-data user's license, see the website <http://nces.ed.gov/statprog/confid.asp>.

B. Guidelines for Processing the Academic Libraries Survey Data File

The Record Layout (Appendix A) is the guide to the organization of the data file, including the variable names, starting position labels, and variable values.

Public-use data files are available in ASCII and MS Access formats. These can be downloaded from the NCES website (http://nces.ed.gov/surveys/libraries/aca_data.asp). See the website <http://nces.ed.gov/pubsearch/licenses.asp> for information about obtaining a license for restricted-use data files.

The ALS 2010 data files are named as follows:

- 1) Tab delimited ASCII (flat file) format:
ALS_2010_P.1.A.TXT (Public Use)
- 2) MS ACCESS database:
ALS_2010_P.1.A.MDB (Public Use)

The file naming and versioning convention applied for the ALS 2010 file is as follows:

Position 1-3: Survey (ALS)
Position 4: Underscore (_)
Position 5-8: Year (2010)
Position 9: Underscore (_)
Position 10: Restricted-use or Public-use (R or P)
Position 11: Period (.)
Position 12: Release status (preliminary = 0, final = 1)
Position 13: Period (.)
Position 14: Subsequent versions, beginning with A (A - Z)
Position 15: Period (.)
Position 16-18: File type (Tab delimited text file = TXT, MS Access database = MDB)

SAS and SPSS program syntax files that can be used to create data files for analysis are also available on the same web page on which the data are available. These programs contain all the format, variable, and value label information necessary for creating a complete master file of all variables and data. The syntax files also contain code for generating the frequency statistics. The

frequency statistics sections, however, are commented out in these syntax files, but can be activated at the user's discretion.

Directories specified in these programs must be modified to fit the requirements of the individual computer system on which the program is to be run.

The SAS program to read the public-use file is Read_ALS_2010_P.1.A.sas.TXT.

The SPSS program to read the public-use file is Read_ALS_2010_P.1.A.sps.TXT.

Users who prefer MS ACCESS format can download the ACCESS database. The ACCESS database has a single table that contains all the data from the ALS survey. Restricted-use files can be obtained only after an NCES data license has been approved. Data will be made available on CD-ROM, with appropriate documentation.

Record Identifier

Institutions in ALS are identified by the UNITID that is the same identifier used in the IPEDS data collection system. ALS data, therefore, can be linked to a broad range of IPEDS institutional data using the institution's UNITID. It is important to note that if the user wants to merge the ALS and IPEDS data files, IPEDS defines UNITID as numeric while UNITIDs in the ALS file are in character format. Merging the files require that the UNITIDs be of the same format.

Imputation Status Flags

All variables were imputed for the 512 non-responding libraries of the 3,689 institutions with academic libraries that are located in the 50 states and in the District of Columbia. Responses on particular variables were also imputed for partial respondents. An imputation "status" flag that shows whether or not it was imputed, and ALS Imputation and Suppression Codes are as follows:

A = Analyst adjusted a reported value

C = Analyst corrected a cell that was blank

I = Imputation for a cell that previously was a nonresponse, using a method other than prior year

N = Original data field was blank

P = Imputation for a cell that previously was a nonresponse, using prior year data

R = Original data value was reported

S = Not applicable, not imputed

T = Total replaced with sum of detail during imputation

Z = Implied reported zero value

H = The value for the variable was suppressed

Sometimes respondents left items blank when they had no data for that item. When a respondent left an item blank we systematically compared the missing value to determine if the originally reported blank value should be changed to zero. For such cases, imputation procedures changed the imputation flag from N to Z if it was clear that there was a missing zero. This imputation was not performed on "Child" institutions and hence those records will show the value N for the imputation flag if the original data field was blank.

The naming convention for imputation flags is an X followed by the variable name. If the value of that flag is A, C, R, or Z, the value for the associated variable was either the original data value reported or a value adjusted or corrected by the analyst. If the value of the flag is I, P, or T, the value for the associated variable was imputed. To remove all imputed values from the data, the values of variables that have an imputation flag I, P, or T should be removed or not included on the analysis data file. (Note: The flag variables are single character fields.) If the value of the flag is H, the value for the associated variable has been suppressed.

Parent/Child (Branch) Records

Both “Parent” and “Child” institutions are included in the data file. This relationship is used to define the reporting responsibility of the library. A “Child” record may be used to describe institutions that are branch institutions for which data are reported by the Central or Main institution. That is, data for the “child” institutions are aggregated with and reported by the “Parent” institution. All library survey data fields for the child institutions are blank. It must also be noted that Branch institutions and their libraries may function independently of the main or central institution and, therefore, report their own data.

Although the child records do not include any library data, the records are included in the file so that researchers can identify institutions that have or share a library. There are a total of 90 parent institutions that have children (i.e., 90 parent institutions have one or more child institution(s) associated with them in the 2010 ALS). There are 305 child institutions associated with these parents that are retained on the data file. Those institutions are not included in the calculations of the response rate.

The variable CYPARCH (current year parent/child indicator) indicates an institution’s parent/child status. A ‘1’ indicates a parent institution; a ‘2’ indicates a child institution; and, an ‘N’ indicates no response. To remove child institutions from any analysis file, select institutions with the CYPARCH variable not equal to 2.

Child institutions are linked to their parent by the variable UNITIDX, which contains the IPEDS UNITID of the parent institution. For parent institutions, UNITIDX contains its UNITID.

Appendix A
ALS 2010 Record Layout

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Appendix A—ALS 2010 Record Layout

| Variable Name | Start Position | Field Width | Field Type | Data Element Description | Source |
|---------------|----------------|-------------|------------|--|--------|
| UNITID | 1 | 6 | character | Unit Identification Number: The unique unit identification number assigned to every institution in the universe. | IPEDS |
| INSTNM | 7 | 100 | character | Institution (entity) name | IPEDS |
| ADDR | 107 | 100 | character | Institution (entity) street address or post office box | IPEDS |
| CITY | 207 | 30 | character | City location of institution | IPEDS |
| STABBR | 237 | 2 | character | Post Office State abbreviation code. See FIPS state code. | IPEDS |
| ZIP | 239 | 9 | character | ZIP + four (does not include dash). Last four positions may be blank | IPEDS |
| ADDR_M | 248 | 100 | character | Institution (entity) mailing address or post office box | Survey |
| CITY_M | 348 | 30 | character | City location of institution's mailing address | Survey |
| STABBR_M | 378 | 2 | character | Post Office State abbreviation code. See FIPS state code. | Survey |
| ZIP_M | 380 | 9 | character | ZIP + four (does not include dash) of mailing address. Last four positions may be blank | Survey |
| STCD | 389 | 4 | character | State Congressional District | IPEDS |
| FIPS | 393 | 2 | character | FIPS state code | IPEDS |
| ACT | 395 | 1 | character | Status of the institution A - Active - institution active and not an add C - Combined - merged with another institution D - Delete - institution is out of business H - Areas search on hold pending verification I - Inactive due to Hurricane related problems M - Death with data - closed in current year N - New - added during the current year O - Out- of-scope - not within scope of universe P - Potential add - might be added Q - Potential restore - might be restored R - Restore - restored to the current universe S - Split - split into more than one institution U - Duplicate - UNITID previously assigned W - Wipe out - out-of-scope potential add X - Potential restore not within scope of IPEDS Z - Universe III - out-of-scope | IPEDS |
| OBEREG | 396 | 2 | numeric | OBE region code 0 - US Service schools 1 - New England CT ME MA NH RI VT 2 - Mid East DE DC MD NJ NY PA 3 - Great Lakes IL IN MI OH WI 4 - Plains IA KS MN MO NE ND SD 5 - Southeast AL AR FL GA KY LA MS NC SC TN VA WV 6 - Southwest AZ NM OK TX 7 - Rocky Mountains CO ID MT UT WY 8 - Far West AK CA HI NV OR WA 9 - Outlying areas AS FM GU MH MP PR PW VI -3 - Not available | IPEDS |
| EIN | 398 | 9 | character | Employer Identification Number - assigned by Internal Revenue Service -1 - Not reported -2 - Not applicable Blank - Not available | IPEDS |
| OPEID | 407 | 8 | character | Office of Postsecondary Education identification number for those institutions eligible to participate in Title IV programs | IPEDS |
| OPEFLAG | 415 | 1 | numeric | OPE eligibility indicator code 1 - Institution participates in Title IV federal financial aid programs 2 - Branch campus of a main campus that participates in Title IV 3 - Deferment only - limited participation 4 - New participants (became eligible during the Fall collection-IPEDS) 5 - Not currently participating in Title IV, has an OPE ID number 6 - Not currently participating in Title IV, does not have and OPE I number | IPEDS |
| WEBADDR | 416 | 100 | character | Institution's internet website address | IPEDS |
| SECTOR | 516 | 2 | numeric | Sector of Institution (generated, based on response to IC survey) 0 - Administrative unit only (central, system, or corporate office) | IPEDS |

Appendix A—ALS 2010 Record Layout

| Variable Name | Start Position | Field Width | Field Type | Data Element Description | Source |
|---------------|----------------|-------------|------------|--|--------|
| | | | | 1 - Public, 4-year or above 2 - Private non-profit, 4-year and above 3 - Private for-profit, 4-year and above 4 - Public, 2-year 5 - Private non-profit, 2-year 6 - Private for-profit, 2-year 7 - Public, less-than-2-year 8 - Private non-profit, less-than-2-year 9 - Private for-profit, less-than-2-year -3 - Not available | |
| ICLEVEL | 518 | 2 | numeric | Level of institution (generated, based on response to IC survey) 1 - Four or more years (Baccalaureate or higher degree) 2 - At least 2 but less than 4 years (below the Baccalaureate) 3 - Less than 2 years (below Associate's degree) -3 - Not available | IPEDS |
| CONTROL | 520 | 2 | numeric | Control of institution 1 - Public 2 - Private, non-profit 3 - Private, for profit -3 - Not available | IPEDS |
| HLOFFER | 522 | 2 | numeric | Highest level of offering (generated, based on response to IC survey) 0 - Other 1 - Postsecondary award, certificate or diploma of less than one academic year 2 - Postsecondary award, certificate or diploma of at least one but less than two academic years 3 - Associate's degree 4 - Postsecondary award, certificate or diploma of at least two but less than four academic years 5 - Bachelor's degree 6 - Postbaccalaureate certificate 7 - Master's degree 8 - Post-Master's certificate 9 - Doctor's degree Blank - none of the above or no answer -2 - Not applicable, 1st professional only -3 - Not available | IPEDS |
| UGOFFER | 524 | 2 | numeric | Undergraduate offering (generated, based on IC response) 1 - Undergraduate degree or certificate offered 2 - No undergraduate offering -3 - Not available | IPEDS |
| GROFFER | 526 | 2 | numeric | Graduate offering (generated, based on response to IC) 1 - Graduate degree or certificate offered 2 - No graduate offering -3 - Not available | IPEDS |
| HDEGOFR1 | 528 | 2 | numeric | Highest Degree offered 0 - Non-degree granting 11 - Doctor's degree – research/scholarship and professional practice 12 - Doctor's degree – research/scholarship 13 - Doctor's degree – professional practice 14 – Doctor's degree - other 20 - Master's degree 30 - Bachelors 40 - Associates -3 - Not available | IPEDS |
| DEGGRANT | 530 | 2 | numeric | Degree granting status 1 - Yes 2 - No -1 - Not reported | IPEDS |
| PCTMIN1 | 532 | 3 | numeric | Percent minority, generated from 2009 Fall Enrollment Survey - responding institutions only (does not include imputed data) | IPEDS |

Appendix A—ALS 2010 Record Layout

| Variable Name | Start Position | Field Width | Field Type | Data Element Description | Source |
|---------------|----------------|-------------|------------|--|--------|
| | | | | Percent Black, non-Hispanic -1 - Not reported -3 - Not available | |
| PCTMIN2 | 535 | 3 | numeric | Percent minority, generated from 2009 Fall Enrollment Survey - responding institutions only (does not include imputed data) Percent American Indian/Alaskan Native -1 - Not reported -3 - Not available | IPEDS |
| PCTMIN3 | 538 | 3 | numeric | Percent minority, generated from 2009 Fall Enrollment Survey - responding institutions only (does not include imputed data) Percent Asian/Pacific Islander -1 - Not reported -3 - Not available | IPEDS |
| PCTMIN4 | 541 | 3 | numeric | Percent minority, generated from 2009 Fall Enrollment Survey - responding institutions only (does not include imputed data) Percent Hispanic -1 - Not reported -3 - Not available | IPEDS |
| HBCU | 544 | 2 | numeric | Historically Black college or university (accredited institution of higher education established prior to 1964 with the principal mission of educating Black Americans) 1 - Yes 2 - No -3 - Not available | IPEDS |
| HOSPITAL | 546 | 2 | numeric | Institution has hospital 1 - Yes 2 - No -2 - Not available | IPEDS |
| MEDICAL | 548 | 2 | numeric | Institution grants a medical degree 1 - Yes 2 - No -1 - Not reported -2 - Not applicable | IPEDS |
| TRIBAL | 550 | 2 | numeric | Tribal college 1 - Yes 2 - No -3 - Not available | IPEDS |
| CARNEGIE | 552 | 2 | numeric | Carnegie Classification Code The 2000 Carnegie Classification includes all colleges and universities in the United States that are degree-granting and accredited by an agency recognized by the U.S. Secretary of Education. The 2000 edition classifies institutions based on their degree-granting activities from 1995-96 through 1997-98. 15 - Doctoral/Research Universities-Extensive: These institutions typically offer a wide range of baccalaureate programs, and they are committed to graduate education through the doctorate. They award 50 or more doctoral degrees per year across at least 15 disciplines 16 - Doctoral/Research Universities-Intensive: These institutions typically offer a wide range of baccalaureate programs, and they are committed to graduate education through the doctorate. They award at least ten doctoral degrees/1 per year across three or more disciplines, 2 or at least 20 doctoral degrees per year overall. 21 - Master's Colleges and Universities I: These institutions typically offer a wide range of baccalaureate programs, and they are committed to graduate education through the master's degree. They award 40 or more master's degrees per year across three or more disciplines. 22 - Master's (Comprehensive) Colleges and Universities II: These institutions typically offer a wide range of baccalaureate programs, and they are committed to graduate education through the master's degree. They award 20 or more master's degrees per year. | IPEDS |

Appendix A—ALS 2010 Record Layout

| Variable Name | Start Position | Field Width | Field Type | Data Element Description | Source |
|---------------|----------------|-------------|------------|---|--------|
| | | | | <p>31 - Baccalaureate Colleges-Liberal Arts: These institutions are primarily undergraduate colleges with major emphasis on baccalaureate programs. They award at least half of their baccalaureate degrees in liberal arts fields.</p> <p>32 - Baccalaureate Colleges-General: These institutions are primarily undergraduate colleges with major emphasis on baccalaureate programs. They award less than half of their baccalaureate degrees in liberal arts fields.</p> <p>33 - Baccalaureate/Associate's Colleges: These institutions are undergraduate colleges where the majority of conferrals are at the subbaccalaureate level (associate's degrees and certificates), but bachelor's degrees account for at least ten percent of undergraduate awards.</p> <p>40 - Associate's Colleges: These institutions offer associate's degrees and certificate programs but, with few exceptions, award no baccalaureate degrees.</p> <p>Specialized Institutions - These institutions offer degrees ranging from the bachelor's to the doctorate, and typically award a majority of degrees in a single field. The list includes only institutions that are listed as separate campuses in the Higher Education Directory.</p> <p>Specialized institutions include:</p> <p>51 - Theological seminaries and other specialized faith-related institutions: These institutions primarily offer religious instruction or train members of the clergy.</p> <p>52 - Medical schools and medical centers: These institutions award most of their professional degrees in medicine. In some instances, they include other health professions programs, such as dentistry, pharmacy, or nursing.</p> <p>53 - Other separate health profession schools: These institutions award most of their degrees in such fields as chiropractic, nursing, pharmacy, or podiatry.</p> <p>54 - Schools of engineering and technology: These institutions award most of their bachelor's or graduate degrees in technical fields of study.</p> <p>55 - Schools of business and management: These institutions award most of their bachelor's or graduate degrees in business or business-related programs.</p> <p>56 - Schools of art, music, and design: These institutions award most of their bachelor's or graduate degrees in art, music, design, architecture, or some combination of such fields.</p> <p>57 - Schools of law: These institutions award most of their degrees in law.</p> <p>58 - Teachers colleges: These institutions award most of their bachelor's or graduate degrees in education or education-related fields.</p> <p>59 - Other specialized institutions: Institutions in this category include graduate centers, maritime academies, military institutes, and institutions that do not fit any other classification category.</p> <p>60 - Tribal Colleges and Universities: These colleges are, with few exceptions, tribally controlled and located on reservations. They are all members of the American Indian Higher Education Consortium.</p> <p>-2 - Not applicable -3 - Not available</p> <p>NOTES ON DEFINITIONS</p> <p>1. Doctoral degrees are as defined in the Integrated Postsecondary Education Data System (IPEDS) of the U.S. Department of Education's National Center for Education Statistics (NCES). This includes the Ph.D. in any field as well as other doctoral-level degrees such as the Doctor of Education, Doctor of Juridical Science, and Doctor of Public Health. It excludes doctoral-level degrees defined as first-professional degrees in IPEDS. For more information, see http://nces.ed.gov/ipeds.</p> <p>2. Distinct disciplines are determined by the 4-digit series of the Classification of Instructional Programs published by NCES. For more information, see http://nces.ed.gov/pubsearch/pubsinfo.aps?pubid=91396</p> <p>3. Liberal arts fields include the following fields (as listed in the Classification of Instructional Programs): English language and literature/letters; foreign languages and literatures; biological sciences/life sciences; mathematics; philosophy and religion; physical sciences; psychology; social sciences and history; visual and performing arts; area, ethnic, and cultural studies; liberal arts and sciences, general studies, and</p> | |

Appendix A—ALS 2010 Record Layout

| Variable Name | Start Position | Field Width | Field Type | Data Element Description | Source |
|---------------|----------------|-------------|------------|---|--------|
| | | | | humanities; and multi/interdisciplinary studies. 4. This group includes community, junior, and technical colleges. | |
| CCBASIC | 554 | 2 | numeric | <p>Carnegie Classification 2005: Basic Code</p> <p>The 2005 Carnegie Classification includes all colleges and universities in the United States that are degree-granting and accredited by an agency recognized by the U.S. Secretary of Education. The 2005 basic edition classifies institutions based on their degree-granting activities from 2003 and 2004. Institutions might be classified differently using a different timeframe.</p> <p>Associate's Colleges: These institutions offer associate's degrees and certificate programs but, with few exceptions, award no baccalaureate degrees.</p> <p>1 - Associate's - Public Rural - serving Small 2 - Associate's - Public Rural - serving medium 3 - Associate's - Public Rural - serving large 4 - Associate's - Public Suburban - serving single campus 5 - Associate's - Public Suburban - serving multi-campus 6 - Associate's - Public Urban - serving single campus 7 - Associate's - Public Urban - serving multi-campus 8 - Associate's - Public special use 9 - Associate's - Private not-for-profit 10 - Associate's - Private for-profit 11 - Associate's - Public 2-year colleges under 4-year universities 12 - Associate's - Public 4-year primarily associate's degrees 13 - Associate's - Private not-for-profit 4-year primarily associate's degrees 14 - Associate's - Private for-profit 4-year primarily associate's degrees</p> <p>Doctorate-granting Universities: Institutions are included in these categories if they awarded at least 20 doctorates in 2003-04. They were assigned to one of the three categories based on a measure of research activities</p> <p>15 - Research Universities (very high research activity) 16 - Research Universities (high research activity) 17 - Doctoral/Research Universities</p> <p>Master's Colleges and Universities: Institutions were included in these categories if they awarded at least 50 master's degrees in 2003-04, but fewer than 20 doctorates.</p> <p>18 - Master's Colleges and Universities (larger programs): These institutions award 200 or more master's degrees. 19 - Master's Colleges and Universities (medium programs): These institutions award 100 to 199 master's degrees. They award 20 or more master's degrees per year. 20 - Master's Colleges and Universities (smaller programs): These institutions award 50 to 99 master's degrees.</p> <p>Baccalaureate Colleges- Institutions were included in these categories if bachelor's degrees accounted for at least 10 percent of all undergraduate degrees and they awarded fewer than 50 master's degrees. Excludes Tribal Colleges or as Special Focus Institutions.</p> <p>21 - Baccalaureate Colleges-Arts and Sciences: Institutions where bachelor's degrees represented at least half of all undergraduate degrees, and at least half of the bachelor's degrees majored in arts and sciences fields. 22 - Baccalaureate Colleges-Diverse Fields: Institutions where bachelor's degrees represented at least half of all undergraduate degrees and are not included in the Arts and Sciences categories 23 - Baccalaureate/Associate's Colleges: Institutions where bachelor's degrees represent at least 10 percent but less than half of undergraduate degrees.</p> <p>Special Focus Institutions - These institutions offer degrees ranging from bachelor's doctorates, and typically award a majority of degrees in a single field. The list includes only institutions that are listed as separate campuses in the Higher Education Directory.</p> <p>Special Focus institutions include: 24 - Theological seminaries, Bible Colleges and other faith-related institutions: These institutions primarily offer religious instruction or train members of the clergy.</p> | IPEDS |

Appendix A—ALS 2010 Record Layout

| Variable Name | Start Position | Field Width | Field Type | Data Element Description | Source |
|---------------|----------------|-------------|------------|--|--------|
| | | | | <p>25 - Medical schools and medical centers: These institutions award most of their professional degrees in medicine. In some instances, they include other health professions programs, such as dentistry, pharmacy, or nursing.</p> <p>26 - Other separate health profession schools: These institutions award most of their degrees in such fields as chiropractic, nursing, pharmacy, or podiatry.</p> <p>27 - Schools of engineering: These institutions award most of their bachelor's or graduate degrees in engineering.</p> <p>28 - Other technology-related schools: These institutions award most of their bachelor's or graduate degrees in technology-related fields.</p> <p>29 - Schools of business and management: These institutions award most of their bachelor's or graduate degrees in business or business-related programs.</p> <p>30 - Schools of art, music, and design: These institutions award most of their bachelor's or graduate degrees in art, music, design, architecture, or some combination of such fields.</p> <p>31 - Schools of law: These institutions award most of their degrees in law.</p> <p>32 - Other special-focus institutions: Institutions in this category include graduate centers, maritime academies, military institutes, and institutions that do not fit any other classification category.</p> <p>33 - Tribal Colleges: These colleges are, with few exceptions, tribally controlled and located on reservations. They are all members of the American Indian Higher Education Consortium.</p> <p>0 - Not Classified</p> <p>-3 - Not Applicable, not in Carnegie universe (not accredited or nondegree-granting)</p> <p>NOTES ON DEFINITIONS</p> <p>1. Doctoral degrees are as defined in the Integrated Postsecondary Education Data System (IPEDS) of the U.S. Department of Education's National Center for Education Statistics (NCES). This includes the Ph.D. in any field as well as other doctoral-level degrees such as the Doctor of Education, Doctor of Juridical Science, and Doctor of Public Health. It excludes doctoral-level degrees defined as first-professional degrees in IPEDS. For more information, see http://nces.ed.gov/ipeds.</p> <p>2. Distinct disciplines are determined by the 4-digit series of the Classification of Instructional Programs published by NCES. For more information, see http://nces.ed.gov/pubsearch/pubsinfo.aps?pubid=91396</p> <p>3. Liberal arts fields include the following fields (as listed in the Classification of Instructional Programs):</p> <p>English language and literature/letters; foreign languages and literatures; biological sciences/life sciences; mathematics; philosophy and religion; physical sciences; psychology; social sciences and history; visual and performing arts; area, ethnic, and cultural studies; liberal arts and sciences, general studies, and humanities; and multi/interdisciplinary studies.</p> <p>4. This group includes community, junior, and technical colleges.</p> | |
| LOCALE | 556 | 2 | numeric | <p>Locale codes - Degree of Urbanization</p> <p>11 - City: Large: Territory inside an urbanized area and inside a principal city with population of 250,000 or more.</p> <p>12 - City: Midsize: Territory inside an urbanized area and inside a principal city with population less than 250,000 and greater than or equal to 100,000.</p> <p>13 - City: Small: Territory inside an urbanized area and inside a principal city with population less than 100,000.</p> <p>21 - Suburb: Large: Territory outside a principal city and inside an urbanized area with population of 250,000 or more.</p> <p>22 - Suburb: Midsize: Territory outside a principal city and inside an urbanized area with population less than 250,000 and greater than or equal to 100,000.</p> <p>23 - Suburb: Small: Territory outside a principal city and inside an urbanized area with population less than 100,000.</p> <p>31 - Town: Fringe: Territory inside an urban cluster that is less than or equal to 10 miles from an urbanized area.</p> <p>32 - Town: Distant: Territory inside an urban cluster that is more than 10 miles and less than or equal to 35 miles from an urbanized area.</p> | IPEDS |

Appendix A—ALS 2010 Record Layout

| Variable Name | Start Position | Field Width | Field Type | Data Element Description | Source |
|---------------|----------------|-------------|------------|--|---------|
| | | | | 33 - Town: Remote: Territory inside an urban cluster that is more than 35 miles of an urbanized area. 41 - Rural: Fringe: Census-defined rural territory that is less than or equal to 5 miles from an urbanized area, as well as rural territory that is less than or equal to 2.5 miles from an urban cluster. 42 - Rural: Distant: Census-defined rural territory that is more than 5 miles but less than or equal to 25 miles from an urbanized area, as well as rural 43 - Rural: Remote: Census-defined rural territory that is more than 25 miles from an urbanized area and is also more than 10 miles from an urban cluster. American Samoa, the Commonwealth of the Northern Mariana Islands, Guam, and the Virgin Islands, were not assigned a locale code because the geographic and governmental structures of these entities do not fit the definitional scheme used to derive the code. -3 - Not available | |
| OPENPUBL | 558 | 2 | numeric | Institution open to the general public 1 - Yes 0 - No | IPEDS |
| DATSRC | 560 | 1 | character | Data source code - the media source used for returning data: 1 - Internet/Web 7 - Other, telephone N - not returned | Derived |
| STATUS | 561 | 1 | character | Response status code A code identifying the response status of the institution 1 - Respondent 3 - Nonrespondent to data and screening questions, not imputed 4 - Nonrespondent, imputed 5 - Nonrespondent to data (screening questions reported, out-of-scope), not imputed 6 - Nonrespondent to data (screening questions reported, in-scope), not imputed | Derived |
| EDITST | 562 | 1 | character | Release status given to NCES 1 - Record edited with no edit or critical flags 2 - Record edited with critical edit flags, analyst accept 3 - Record edited with critical edit flags remaining, NCES override 4 - Record is on hold 5 - Record failed the edits N - not edited | Derived |
| IMPUTE | 563 | 1 | character | Impute indicator 1 - at least one part is imputed 0 - not imputed | Derived |
| PARTAFLAG1 | 564 | 1 | character | Imputation flag for item 100. The flag indicates if imputation was done for all, some, or no variables in this part of the survey. Possible values and meanings are: 1 - Total non-respondent for this part 2 - Partial non-respondent for this part 0 - Nothing imputed for this part/total respondent to this part *partaflag1 will never be 2 because there is only one line item in this part. | Derived |
| PARTBFLAG1 | 565 | 1 | character | Imputation flag for items 200-205, both columns. The flag indicates if imputation was done for all, some, or no variables in this part of the survey. Possible values and meanings are: 1 - Total non-respondent for this part 2 - Partial non-respondent for this part 0 - Nothing imputed for this part/total respondent to this part | Derived |
| PARTBFLAG2 | 566 | 1 | character | Imputation flag for fringe benefits, items 206 and 207. The flag indicates if imputation was done for all, some, or no variables in this part of the survey. Possible values and meanings are: 1 - Total non-respondent for this part 2 - Partial non-respondent for this part 0 - Nothing imputed for this part/total respondent to this part | Derived |
| PARTCFLAG1 | 567 | 1 | character | Imputation flag for the outer column of items 300, 303, and 305-311. The flag indicates if imputation was done for all, some, or no variables in this part of the | Derived |

Appendix A—ALS 2010 Record Layout

| Variable Name | Start Position | Field Width | Field Type | Data Element Description | Source |
|---------------|----------------|-------------|------------|--|---------|
| | | | | survey. Possible values and meanings are: 1 - Total non-respondent for this part 2 - Partial non-respondent for this part 0 - Nothing imputed for this part/total respondent to this part | |
| PARTCFLAG2 | 568 | 1 | character | Imputation flag for the inner column of items 301, 302, and 304. The flag indicates if imputation was done for all, some, or no variables in this part of the survey. Possible values and meanings are: 1 - Total non-respondent for this part 2 - Partial non-respondent for this part 0 - Nothing imputed for this part/total respondent to this part | Derived |
| PARTDFLAG1 | 569 | 1 | character | Imputation flag for columns 1 and 2 of items 400 and 402-405. The flag indicates if imputation was done for all, some, or no variables in this part of the survey. Possible values and meanings are: 1 - Total non-respondent for this part 2 - Partial non-respondent for this part 0 - Nothing imputed for this part/total respondent to this part | Derived |
| PARTDFLAG2 | 570 | 1 | character | Imputation flag for columns 1 and 2 of item 401. The flag indicates if imputation was done for all, some, or no variables in this part of the survey. Possible values and meanings are: 1 - Total non-respondent for this part 2 - Partial non-respondent for this part 0 - Nothing imputed for this part/total respondent to this part | Derived |
| PARTEFLAG1 | 571 | 1 | character | Imputation flag for items 500-506. The flag indicates if imputation was done for all, some, or no variables in this part of the survey. Possible values and meanings are: 1 - Total non-respondent for this part 2 - Partial non-respondent for this part 0 - Nothing imputed for this part/total respondent to this part | Derived |
| PARTEFLAG2 | 572 | 1 | character | Imputation flag for items 507, 508, and 511 - 517. The flag indicates if imputation was done for all, some, or no variables in this part of the survey. Possible values and meanings are: 1 - Total non-respondent for this part 2 - Partial non-respondent for this part 0 - Nothing imputed for this part/total respondent to this part | Derived |
| PARTEFLAG3 | 573 | 1 | character | Imputation flag for items 509 and 510. The flag indicates if imputation was done for all, some, or no variables in this part of the survey. Possible values and meanings are: 1 - Total non-respondent for this part 2 - Partial non-respondent for this part 0 - Nothing imputed for this part/total respondent to this part | Derived |
| PARTFFLAG1 | 574 | 1 | character | Imputation flag for line items 600-602. The flag indicates if imputation was done for all, some, or no variables in this part of the survey. Possible values and meanings are: 1 - Total non-respondent for this part 2 - Partial non-respondent for this part 0 - Nothing imputed for this part/total respondent to this part | Derived |
| NCESDATE | 575 | 8 | character | Date the imputations were run (MMDDYYYY) | Derived |
| FTEUSED | 583 | 8 | numeric | 2008-09 IPEDS Fall Collection full-time equivalent student enrollment based on Digest of Education Statistics formula (http://nces.ed.gov/programs/digest/) | IPEDS |
| FTEFLAG | 591 | 1 | character | Flag to indicate FTE is estimated by Census. 3- Combined with Children FTE 1 - Estimated 0 - Not estimated | Derived |
| ELGEXP | 592 | 1 | character | Institution has an total library expenditures exceeding \$10,000 1 - Yes 2 - No N - No response | Survey |
| ELGCOLL | 593 | 1 | character | Institution has an organized collection of printed or other materials or a combination thereof | Survey |

Appendix A—ALS 2010 Record Layout

| Variable Name | Start Position | Field Width | Field Type | Data Element Description | Source |
|---------------|----------------|-------------|------------|--|--------|
| | | | | 1 - Yes 2 - No N - No response | |
| ELGSTAFF | 594 | 1 | character | Institution has a staff trained to provide and interpret such materials as required to meet the informational, cultural, recreational, or educational needs of clientele 1 - Yes 2 - No N - No response | Survey |
| ELGSCHED | 595 | 1 | character | Institution has an established schedule in which services of the staff are available to clientele 1 - Yes 2 - No N - No response | Survey |
| ELGPHYS | 596 | 1 | character | Institution has the physical facilities necessary to support such a collection, staff, and schedule 1 - Yes 2 - No N - No response | Survey |
| CYPARCH | 597 | 1 | character | Current year parent/child indicator 1 - Parent (Combined data respondent; record contains data for more than one institution) 2 - Child (Data reported on another institution's record) N - No response | Survey |
| UNITIDX | 598 | 6 | character | The UNITID of the institution where the data are recorded if the CYPARCH code is equal to 2. The UNITID equals the UNITIDX if CYPARCH equals 1. -2 - Not applicable | Survey |
| XBRANCHES | 604 | 1 | character | Statusflag A - Analyst adjusted a reported value C - Analyst corrected a cell that was blank I - Imputation for a cell that previously was a nonresponse, using a method other than prior year N - Original data field was blank P - Imputation for a cell that previously was a nonresponse, using prior year data R - Original data value was reported S - Not applicable, not imputed T - Total replaced with sum of detail during imputation Z - Implied reported zero value H - Data suppressed | Survey |
| BRANCHES | 605 | 6 | numeric | Number of branch and independent libraries (exclude main or central library) | Survey |
| XSTLIBS | 611 | 1 | character | Statusflag | Survey |
| STLIBS | 612 | 9,2 | numeric | Librarians | Survey |
| XSTOTHPRO | 621 | 1 | character | Statusflag | Survey |
| STOTHPRO | 622 | 9,2 | numeric | Other professional staff | Survey |
| XSTLIBPRO | 631 | 1 | character | Statusflag | Survey |
| STLIBPRO | 632 | 9,2 | numeric | Total librarians and other professional staff (sum items 200 and 201, col. 1) | Survey |
| XSTOTH | 641 | 1 | character | Statusflag | Survey |
| STOTH | 642 | 9,2 | numeric | All other paid staff (except student assistants) | Survey |
| XSTASST | 651 | 1 | character | Statusflag | Survey |
| STASST | 652 | 9,2 | numeric | Student assistants from all funding sources | Survey |
| XSTTOT | 661 | 1 | character | Statusflag | Survey |
| STTOT | 662 | 9,2 | numeric | Total full-time equivalent (FTE) staff (sum items 202 through 204, col.1) | Survey |
| XSWLIBPRO | 671 | 1 | character | Statusflag | Survey |
| SWLIBPRO | 672 | 12 | numeric | Salaries and wages-librarians and other professional staff | Survey |
| XSWOTH | 684 | 1 | character | Statusflag | Survey |

Appendix A—ALS 2010 Record Layout

| Variable Name | Start Position | Field Width | Field Type | Data Element Description | Source |
|---------------|----------------|-------------|------------|--|--------|
| SWOTH | 685 | 12 | numeric | Salaries and wages-all other paid staff (except student assistants) | Survey |
| XSWASST | 697 | 1 | character | Statusflag | Survey |
| SWASST | 698 | 12 | numeric | Salaries and wages-student assistants from all funding sources | Survey |
| XSWTOT | 710 | 1 | character | Statusflag | Survey |
| SWTOT | 711 | 12 | numeric | Total salaries and wages for total full-time equivalent (FTE) staff (sum items 202 through 204, col.2) | Survey |
| XFRINGEYN | 723 | 1 | character | Statusflag | Survey |
| FRINGEYN | 724 | 1 | character | Are employee fringe benefits paid from the library budget 1 - Yes 2 - No N - nonresponse | Survey |
| XFRINGE | 725 | 1 | character | Statusflag | Survey |
| FRINGE | 726 | 12 | numeric | Employee fringe benefits (if paid from the library budget) | Survey |
| XEXBKS | 738 | 1 | character | Statusflag | Survey |
| EXBKS | 739 | 12 | numeric | Expenditures for books, serial backfiles and other materials (one-time purchases) | Survey |
| XEXELBKS | 751 | 1 | character | Statusflag | Survey |
| EXELBKS | 752 | 12 | numeric | Expenditures for electronic Books, electronic serial backfiles and other electronic materials (one-time purchases) | Survey |
| XEXAUD | 764 | 1 | character | Statusflag | Survey |
| EXAUD | 765 | 12 | numeric | Expenditures for audiovisual | Survey |
| XEXCUSER | 777 | 1 | character | Statusflag | Survey |
| EXCUSER | 778 | 12 | numeric | Expenditures for current serial subscriptions (ongoing commitments) | Survey |
| XEXELSER | 790 | 1 | character | Statusflag | Survey |
| EXELSER | 791 | 12 | numeric | Expenditures for electronic serials | Survey |
| XEXDEL | 803 | 1 | character | Statusflag | Survey |
| EXDEL | 804 | 12 | numeric | Expenditures for document deliver/interlibrary loan | Survey |
| XEXPRES | 816 | 1 | character | Statusflag | Survey |
| EXPRES | 817 | 12 | numeric | Expenditures for preservation | Survey |
| XEXOTHIR | 829 | 1 | character | Statusflag | Survey |
| EXOTHIR | 830 | 12 | numeric | Other expenditures for information resources | Survey |
| XEXCOMP | 842 | 1 | character | Statusflag | Survey |
| EXCOMP | 843 | 12 | numeric | Expenditures for computer hardware and software (include maintenance) | Survey |
| XEXBIB | 855 | 1 | character | Statusflag | Survey |
| EXBIB | 856 | 12 | numeric | Expenditures for bibliographic utilities, networks and consortia | Survey |
| XEXOTH | 868 | 1 | character | Statusflag | Survey |
| EXOTH | 869 | 12 | numeric | All other operating expenditures | Survey |
| XEXTOT | 881 | 1 | character | Statusflag | Survey |
| EXTOT | 882 | 12 | numeric | Total expenditures (sum items 205, 300, 303, 305 through 310) | Survey |
| XCOLELYN | 894 | 1 | character | Statusflag | |
| COLELYN | 895 | 1 | character | Library collection is entirely electronic 1 - Yes 2 - No N - nonresponse | Survey |
| XCOLBKSA | 896 | 1 | character | Statusflag | Survey |
| COLBKSA | 897 | 12 | numeric | Books, serial backfiles and other paper materials (include government documents)-added | Survey |
| XCOLEBKSA | 909 | 1 | character | Statusflag | Survey |
| COLEBKSA | 910 | 12 | numeric | E-Books - added | Survey |
| XCOLMICRA | 922 | 1 | character | Statusflag | Survey |

Appendix A—ALS 2010 Record Layout

| Variable Name | Start Position | Field Width | Field Type | Data Element Description | Source |
|---------------|----------------|-------------|------------|---|--------|
| COLMICRA | 923 | 12 | numeric | Microforms - added | Survey |
| XCOLAUDA | 935 | 1 | character | Statusflag | Survey |
| COLAUDA | 936 | 12 | numeric | Audiovisual materials - added | Survey |
| XCOLSERA | 948 | 1 | character | Statusflag | Survey |
| COLSERA | 949 | 12 | numeric | Current serial subscriptions - added | Survey |
| XCOLELREFA | 961 | 1 | character | Statusflag | Survey |
| COLELREFA | 962 | 12 | numeric | Electronic reference sources and aggregation services; added | Survey |
| XCOLBKSH | 974 | 1 | character | Statusflag | Survey |
| COLBKSH | 975 | 12 | numeric | Books, serial backfiles and other paper materials (include government documents) held | Survey |
| XCOLEBKSH | 987 | 1 | character | Statusflag | Survey |
| COLEBKSH | 988 | 12 | numeric | E-Books - held | Survey |
| XCOLMICRH | 1000 | 1 | character | Statusflag | Survey |
| COLMICRH | 1001 | 12 | numeric | Microforms - held | Survey |
| XCOLAUDH | 1013 | 1 | character | Statusflag | Survey |
| COLAUDH | 1014 | 12 | numeric | Audiovisual materials - held | Survey |
| XCOLSERH | 1026 | 1 | character | Statusflag | Survey |
| COLSERH | 1027 | 12 | numeric | Current serial subscriptions - held | Survey |
| XCOLELREFH | 1039 | 1 | character | Statusflag | Survey |
| COLELREFH | 1040 | 12 | numeric | Electronic reference sources and aggregation services; held | Survey |
| XILPRET | 1052 | 1 | character | Statusflag | Survey |
| ILPRET | 1053 | 12 | numeric | Returnable - Interlibrary loans provided | Survey |
| XILPNON | 1065 | 1 | character | Statusflag - Interlibrary loans provided | Survey |
| ILPNON | 1066 | 12 | numeric | Non-returnable - Interlibrary loans provided | Survey |
| XILPTOT | 1078 | 1 | character | Statusflag | Survey |
| ILPTOT | 1079 | 12 | numeric | Total provided (sum items 500 and 501) | Survey |
| XILRRET | 1091 | 1 | character | Statusflag | Survey |
| ILRRET | 1092 | 12 | numeric | Returnable- Interlibrary loans received | Survey |
| XILRNON | 1104 | 1 | character | Statusflag | Survey |
| ILRNON | 1105 | 12 | numeric | Non-returnable - Interlibrary loans received | Survey |
| XDOCDEL | 1117 | 1 | character | Statusflag | Survey |
| DOCDEL | 1118 | 12 | numeric | Documents delivered from commercial services | Survey |
| XILRTOT | 1130 | 1 | character | Statusflag | Survey |
| ILRTOT | 1131 | 12 | numeric | Total received (sum items 503, 504 and 505) | Survey |
| XCRGEN | 1143 | 1 | character | Statusflag | Survey |
| CRGEN | 1144 | 12 | numeric | General circulation transactions | Survey |
| XCRRSV | 1156 | 1 | character | Statusflag | Survey |
| CRRSV | 1157 | 12 | numeric | Reserve circulation transactions | Survey |
| XPRESN | 1169 | 1 | character | Statusflag | Survey |
| PRESEN | 1170 | 12 | numeric | Number of presentations | Survey |
| XATTEND | 1182 | 1 | character | Statusflag | Survey |
| ATTEND | 1183 | 12 | numeric | Total attendance at all presentations | Survey |
| XREFPERS | 1195 | 1 | character | Statusflag | Survey |
| REFPERS | 1196 | 12 | numeric | In-person reference transactions | Survey |
| XREFVIRT | 1208 | 1 | character | Statusflag | Survey |
| REFVIRT | 1209 | 12 | numeric | Virtual reference transactions | Survey |
| XTOTREF | 1221 | 1 | character | Statusflag | Survey |
| TOTREF | 1222 | 12 | numeric | Total reference transactions | Survey |

Appendix A—ALS 2010 Record Layout

| Variable Name | Start Position | Field Width | Field Type | Data Element Description | Source |
|---------------|----------------|-------------|------------|--|--------|
| XCONPERS | 1234 | 1 | character | Statusflag | Survey |
| CONPERS | 1235 | 12 | numeric | In-person consultations | Survey |
| XCONVIRT | 1247 | 1 | character | Statusflag | Survey |
| CONVIRT | 1248 | 12 | numeric | Virtual consultations | Survey |
| XTOTCON | 1260 | 1 | character | Statusflag | Survey |
| TOTCON | 1261 | 12 | numeric | Total consultations | Survey |
| XTOTSERIN | 1273 | 1 | character | Statusflag | Survey |
| TOTSERIN | 1274 | 12 | numeric | Total services to individuals | Survey |
| XHOURS | 1286 | 1 | character | Statusflag | Survey |
| HOURS | 1287 | 8 | numeric | Hours open in a typical week | Survey |
| XGATECT | 1295 | 1 | character | Statusflag | Survey |
| GATECT | 1296 | 12 | numeric | Gate count in a typical week | Survey |
| XDOCDIGYN | 1308 | 1 | character | Statusflag | Survey |
| DOCDIGYN | 1309 | 1 | character | Documents digitized by the library staff 1 - Yes 2 - No N - No response | Survey |
| XLIBREFYN | 1310 | 1 | character | Statusflag | Survey |
| LIBREFYN | 1311 | 1 | character | Library reference service by e-mail or the Web 1 - Yes 2 - No N - No response | Survey |
| XTECHYN | 1312 | 1 | character | Statusflag | Survey |
| TECHYN | 1313 | 1 | character | Technology to assist patrons with disabilities (e.g., TDD, specially equipped work stations) 1 - Yes 2 - No N - No response | Survey |
| XTHESYN | 1314 | 1 | character | Statusflag | Survey |
| THESYN | 1315 | 1 | character | Electronic theses and dissertations produced by your students 1 - Yes 2 - No N - No response | Survey |
| XINFLITDEFYN | 1316 | 1 | character | Statusflag | Survey |
| INFLITDEFYN | 1317 | 1 | character | Definition of information literacy or of an information literate student 1 - Yes 2 - No N - nonresponse | Survey |
| XINFLITMISYN | 1318 | 1 | character | Statusflag | Survey |
| INFLITMISYN | 1319 | 1 | character | Incorporated information literacy in the institution's mission 1 - Yes 2 - No N - nonresponse | Survey |
| XINFLITPLNYN | 1320 | 1 | character | Statusflag | Survey |
| INFLITPLNYN | 1321 | 1 | character | Incorporated information literacy in the institution's strategic plan 1 - Yes 2 - No N - nonresponse | Survey |
| XINFLITCOMYN | 1322 | 1 | character | Statusflag | Survey |
| INFLITCOMYN | 1323 | 1 | character | Campus-wide committee to implement the strategic plan for information literacy 1 - Yes 2 - No S - Not Applicable N - nonresponse | Survey |

Appendix A—ALS 2010 Record Layout

| Variable Name | Start Position | Field Width | Field Type | Data Element Description | Source |
|---------------|----------------|-------------|------------|---|--------|
| XINFLITLIBYN | 1324 | 1 | character | Statusflag | Survey |
| INFLITLIBYN | 1325 | 1 | character | The strategic plan formally recognizes the library's role in information literacy instruction 1 - Yes 2 - No S - Not Applicable N - nonresponse | Survey |
| XSUPPVIRTYN | 1326 | 1 | character | Statusflag | Survey |
| SUPPVIRTYN | 1327 | 1 | character | Library supports virtual reference services 1 - Yes 2 - No N - nonresponse | Survey |
| XEMAILREFYN | 1328 | 1 | character | Statusflag | Survey |
| EMAILREFYN | 1329 | 1 | character | Library utilizes e-mail reference 1 - Yes 2 - No S - Not Applicable N - nonresponse | Survey |
| XCOMSERYN | 1330 | 1 | character | Statusflag | Survey |
| COMSERYN | 1331 | 1 | character | Library utilizes chat reference, commercial service (e.g. QuestionPoint, Tutor.com) 1 - Yes 2 - No S - Not Applicable N - nonresponse | Survey |
| XINSTMESYN | 1332 | 1 | character | Statusflag | Survey |
| INSTMESYN | 1333 | 1 | character | Library utilizes chat reference, instant messaging applications (e.g. Meebo) 1 - Yes 2 - No S - Not Applicable N - nonresponse | Survey |
| XSORTMESYN | 1334 | 1 | character | Statusflag | Survey |
| SORTMESYN | 1335 | 1 | character | Library utilizes short message service (SMS) or text messaging 1 - Yes 2 - No S - Not Applicable N - nonresponse | Survey |

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Appendix B

ALS 2010 Survey Instrument and Instructions

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INSTRUCTIONS FOR THE ACADEMIC LIBRARY SURVEY – FY 2010

GENERAL INSTRUCTIONS

Please respond to each item in this survey. If the appropriate answer for an item is zero or none, use "0." If you do not collect data for an item, provide your best estimate. PLEASE DO NOT LEAVE ITEMS BLANK. If an item is left blank, NCES will estimate a value using the average for institutions with similar characteristics. Include data for the main or central library and all branch and independent libraries that were open all or part of fiscal year 2010.

LIBRARY - An entity that provides all of the following:

1. Total library expenditures exceed \$10,000.
2. An organized collection of printed or other materials or a combination thereof; and
3. A paid, trained library staff to provide and interpret library materials to meet the informational, cultural, recreational, or educational needs of clientele; and
4. An established hours of operation during which paid, trained staff are available to meet the informational service needs of clientele; and
5. The physical facilities necessary to support such a collection, staff, and schedule.

This includes libraries that are part of learning resource centers.

Number of Public Service Outlets, Fiscal Year 2010

Branch and independent libraries (item 100) - Report the number of branch and independent libraries at your institution that were open all or part of fiscal year 2010. EXCLUDE THE MAIN OR CENTRAL LIBRARY. Branch and independent libraries are defined as auxiliary library service outlets with quarters separate from the central library of an institution, which have a basic collection of books and other materials, a regular staffing level, and an established schedule.

Branch and independent libraries are administered either by the central library or, as in the case of some libraries (such as law, medical, etc.), through the administrative structure of other units within the university. Departmental study/reading rooms are not included. Include data for all branch and independent libraries on the campus. Include libraries on branch campuses (i.e., located in another community) if those campuses are registered under the same NCES UNITID number as the main campus.

Appendix B—ALS 2010 Instrument and Instructions

Library Staff, Fall 2010 and Salaries/Wages, FY 2010

Column (1), Full-time equivalent (FTE) employees (items 200-205) - Report the number of filled or temporarily vacant FTE positions during Fall 2010. To compute FTEs for part-time employees and student assistants, take the TOTAL number of hours worked per week by part-time employees and divide it by the number of hours in the library's full-time work week (e.g., 60 hours per week of part-time work divided by 40 hours per full-time week equals 1.50 FTE). Data should be reported to two decimal places.

Exclude maintenance and custodial staff, volunteers, and contributed services staff, such as members of religious orders, whose services are valued by bookkeeping entries rather than by full cash transactions.

Column (2), Salaries and wages (items 202-205) - Report expenditures in FY 2010 for full-time and part-time salaries and wages before deductions. *Exclude* employee fringe benefits provided by your institution for all regular library staff that may be reported in item 207.

Librarians (item 200) - Report the total FTE of staff whose duties require professional education (the master's degree or its equivalent) in the theoretical and scientific aspects of librarianship.

Other professional staff (item 201) - Report the total FTE of staff whose duties require education and/or training in related fields (e.g., academic disciplines, archives, media, computing).

Total librarians and other professional staff (item 202) - Report the sum of items 200 and 201, column 1.

All other paid staff (except student assistants) (item 203) - Report the total FTE of all other library staff, including technical and clerical staff who are paid annual salaries or hourly wages.

Student assistants from all funding sources (item 204) - Report the total FTE of student assistants, employed on an hourly basis. Include salaries and wages from all sources (e.g., College Work Study Program). If not available leave line blank.

Total FTE staff (item 205) - Report the sum of items 202 through 204, columns 1 and 2.

Employee fringe benefits (item 206) — If benefits are paid from the library budget, select "Y" and report the amount in item 207. If benefits are not paid from the library budget, select "N" and skip to item 300.

Benefits (item 207) - If benefits are paid from the library budget, report the amount here.

Library Expenditures, Fiscal Year 2010

Total salaries and wages (item 205) - This line will automatically be filled in from the total Salaries and Wages Expenditures from the previous section.

Expenditures on information resources and operations (items 300-311) - Report funds expended

Appendix B—ALS 2010 Instrument and Instructions

by the library in fiscal year 2010 (regardless of when received) from its regular budget and from all other sources; e.g., research grants, special projects, gifts and endowments, and fees for services. If items in this section are not paid from the library budget but can be easily identified in other parts of the institution's budget, report them here. **Expenditures should be reported for the 12-month period that corresponds to your library's fiscal year between the calendar period June 1, 2009 to September 30, 2010.** All expenditures should be reported in whole dollars in the most appropriate category to provide an unduplicated count of expenditures. *Exclude* expenditures for new buildings and building renovation.

Information resources (items 300-307) -

Books, serial backfiles, and other materials (one time purchases) (item 300) - Report expenditures for published materials in all formats except current subscriptions to serials.

Electronic (item 301) - Report expenditures that are not current subscriptions to serials (i.e. are non-subscription, one-time, or monographic in nature) for software and machine-readable materials considered part of the collections. Examples include serial backfiles, literature collections, and one-time costs for electronic backfiles, etc. These expenditures have already been reported as part of item 300 above. Therefore, item 301 is not added into Total Expenditures (item 311).

Audiovisual (item 302) - Report expenditures for all library materials that are displayed by visual projection or magnification or through sound reproduction, or both, including graphic materials, audio materials, motion pictures, video materials, and special visual materials such as three-dimensional materials. These expenditures have already been reported as part of item 300 above. Therefore, item 302 is not added into Total Expenditures (item 311).

Current serial subscriptions (ongoing commitments) (item 303) - Report expenditures for ongoing subscriptions to serials in all formats. These are publications issued in successive parts, usually at regular intervals, and, as a rule, intended to be continued indefinitely. Serials include periodicals, newspapers, annuals (reports, yearbooks, etc.), memoirs, proceedings, and transactions of societies.

Electronic serials (item 304) – Report subscription expenditures (or those which are expected to be ongoing commitments) for serial publications whose primary format is electronic. Examples include paid subscriptions for electronic journals and indexes/abstracts available via the Internet, CD-ROM serials, and annual access fees. These expenditures have already been reported as part of item 303. Therefore, item 304 is not added into Total Expenditures (item 311).

Other Information Resources (items 305-307) -

Document delivery/interlibrary loan (item 305) - Report expenditures for document delivery and interlibrary loan services. Include fees paid for photocopies, costs of facsimile transmission, royalties and access fees paid to provide document delivery or interlibrary loan. Include fees paid to bibliographic utilities if the portion paid for interlibrary loan can be separately counted. Do not count expenditures related to transactions between the main or central library and branches

Appendix B—ALS 2010 Instrument and Instructions

reported in item 100, transactions between branches (item 100), or expenditures for on campus delivery.

Preservation (item 306) - Report expenditures associated with maintaining library and archival materials for use either in their original physical form or in some other usable way. This includes but is not limited to binding and rebinding, materials conservation, deacidification, lamination, and restoration. Also, include preservation-related contracts for services (e.g. digitization). Do not include staff salaries and wages.

Other expenditures for information resources (item 307) - Report any other collection expenditures not already included in items 300, 303, 305, and 306, such as expenditures for cartographic materials and manuscripts. Include copyright fees and fees for database searches, e.g. (DIALOG, Lexis-Nexis).

Operating Expenditures (items 308-310) -

Computer hardware and software (item 308) - Report expenditures from the library budget for computer hardware and software used to support library operations, whether purchased or leased, local or remote. Include expenditures for maintenance. Include the expenditure for equipment used to run information service products when that expenditure can be separated from the price of the product. Exclude expenditures reported in item 304.

Bibliographic utilities, networks, and consortia (item 309) - Report expenditures from the library operating budget for services provided by national, regional, and local bibliographic utilities, networks, and consortia. Exclude expenditures already reported on items 301, 304, and 305.

All other operating expenditures (item 310) - Report all other expenditures from the library budget not already reported in items 205 through 309 except employee fringe benefits that are reported in item 207. Exclude expenditures for new buildings and building renovations. Include all expenditures for furniture and equipment except computer hardware, which should be reported in item 308. Include any related maintenance costs.

Total Expenditures (item 311) - Report the sum of items 205, 300, 303, 305 through 310.

Library Collections, Fiscal Year 2010

NOTE - This section of the survey collects data on selected types of material. It does not cover all materials.

Column (1), Total number added during fiscal year - Report the gross number of each category added during FY 2010. Do not subtract the number withdrawn.

Column (2), Total number held at end of fiscal year - Report the total number of each category held at end of FY 2010. To get this figure, take the total number held at the end of FY 2009, add the number added during FY 2010, and subtract the number withdrawn FY 2010.

Appendix B—ALS 2010 Instrument and Instructions

Books, serial backfiles and other paper materials (include government documents) (item 400) - Report the number of volumes using the ANSI/NISO Z39.7-1995 definition for volume, which is as follows: A single physical unit of any printed, typewritten, handwritten, mimeographed, or processed work, distinguished from other units by a separate binding, encasement, portfolio, or other clear distinction, which has been cataloged, classified, and made ready for use, and which is typically the unit used to charge circulation transactions. Include print photographs, duplicates and bound volumes of periodicals. For purposes of this questionnaire, unclassified bound serials arranged in alphabetical order are considered classified. Exclude microfilms, maps, nonprint materials, and uncataloged items. Include Government document volumes that are accessible through the library's catalogs regardless of whether they are separately shelved. "Classified" includes documents arranged by Superintendent of Documents, CODOC, or similar numbers. "Cataloged" includes documents for which records are provided by the library or downloaded from other sources into the library's card or online catalogs.

E-Books (item 401) - Report the number of electronic monographs that have been cataloged by your library and are accessible through the library's catalog.

Microforms (item 402) - Report units of all photographic reproduction of textual, tabular, or graphic materials reduced in size so that they can be used only with magnification. Examples of microforms are roll microfilm, microcard, microfiche, and ultrafiche.

Audiovisual Materials (item 403) - Report units of all library materials that are displayed by visual projection or magnification or through sound reproduction, or both, including graphic materials, audio materials (include audio books), motion pictures, video materials, and special visual materials such as three-dimensional materials.

Current serial subscriptions (item 404) - Report the total number of titles in all formats. If the title comes in both paper and electronic form, count it twice. Count each individual title if it is received as part of a publisher's package. Include paper and microfilm government documents issued serially if they are accessible through the library's catalog. Report indexing and abstracting services that may contain full-text in item 405.

Electronic reference sources and aggregation services (item 405) –Report the total number of citation indexes and abstracts; full-text article databases; full-text reference sources (e.g., encyclopedias, almanacs, biographical and statistical sources and other quick fact-finding sources); dissertation and conference proceedings databases. Licensed electronic resources also include those databases that institutions mount locally. [Aggregation services are defined by NISO Z39.7-2004 as "4.10.3.2 Aggregated Full Text Databases: Collection of both bibliographic references and full text articles from periodical and/or other titles presented on a continuous basis that may relate to a common discipline or may provide multi-disciplinary coverage. This includes electronic reference and indexing tools that, if existed in print form, would be counted as periodicals. The content of aggregated full text databases consists predominately of full text articles rather than bibliographic references without associated full text, although both may be represented in the database."]

Appendix B—ALS 2010 Instrument and Instructions

Library Services, Fiscal Year 2010

Interlibrary loans and documents (items 500-506) – In items 500 and 501, report the number of filled requests for material provided to other libraries. In items 503 and 504, report the number of filled requests for material received from other libraries. Do not include transactions between the main or central library and branches reported in item 100, or transactions between branches (item 100).

Returnables (item 500 and 503) - Report materials that the library expects to have returned. Examples of returnables include books, dissertations and theses, microfilm reels, sound recordings, and audiovisual material.

Non-returnables (item 501 and 504) - Report materials that the library does not expect to have returned. Examples of non-returnables include photocopies or facsimiles, fiche-to-fiche copies, print copies from microfilm, electronic full-text documents, and gratis print copies of unpublished reports and/or departmental working papers.

Documents delivered from commercial services (item 505) - Report the number of documents from commercial document delivery services received by your users. Count all transactions for which the library pays even if library staff is not involved in the transaction. Include documents received by regular or express mail, by fax, or in electronic form.

Total loans (items 502 and 506) - Sum items 500 and 501 for item 502, and sum items 503, 504, and 505 for item 506.

General circulation transactions (item 507) - Report the number of items lent from the general collection. Include both initial transactions and renewals.

Reserve circulation transactions (item 508) – Report reserve transactions of all types. Include both initial transactions and renewals.

Information services to groups (items 509 and 510) - Report the total number of presentations (item 509) and the total number of persons attending or served by those presentations (item 510). Information services to groups are presentations at which a staff member or person invited by a staff member provides information intended for a number of persons and planned in advance. These services may be either bibliographic instruction or library use presentations, or cultural, recreational, or educational presentations. Presentations both on and off the library premises should be included, as long as they are sponsored by the library. Self-paced tutorials and staff training should be excluded, as well as meetings sponsored by other groups using library meeting rooms. Include web-based presentations.

Information services to individuals (items 511 – 516) – *Reference and consultation interactions are information contacts* that involve the knowledge, use, recommendation, interpretation, or instruction in the use of one or more information sources by a member of the library staff. Information sources include printed and non-printed materials, machine-readable databases (including assistance with computer searching), the Web, catalogs and other holdings records, and, through communication or referral, other libraries and institutions, and persons both inside and outside the library.

Appendix B—ALS 2010 Instrument and Instructions

Reference interactions may be in person, by phone, by e-mail, by the Web, and may take place at the reference desk or elsewhere and take less than 20 minutes to complete. Include information and referral services. Consultation interactions typically occur in person and take longer than 20 minutes to complete.

If a contact includes both reference and directional services, it should be reported as one reference transaction. When a staff member utilizes information gained from a previous use of information sources to answer a question, report as a reference transaction, even if the source is not consulted again during this transaction.

Do not report directional transactions here. A directional transaction is an information contact which facilitates the use of the library in which the contact occurs and which does NOT involve the knowledge, use, recommendation, interpretation, or instruction in the use of any information sources other than those which describe the library; such as schedules, floor plans, handbooks, and policy statements. Examples of directional transactions include giving instruction in locating, within the library, staff, library users, or physical features, etc., and giving assistance of a nonbibliographic nature with machines.

Report the total number of reference interactions in-person and virtual (item 511 and 512). A reference interaction is defined as requiring less than 20 minutes of a staff persons time to complete.

Total Reference (item 513) – Sum of In-person reference (item 511) and Virtual reference (item 512).

Report the total number of consultations in-person and virtual (item 514 and 515). A consultation is defined as requiring 20 minutes or more of a staff persons time to complete and may also require a reservation.

For both reference and consultation, figures may be determined by using “per typical week” measures and multiply for the total number of weeks the library is open.

Total Consultations (item 516) – Sum of In-person consultations (item 514) and Virtual consultations (item 515).

Total information services to individuals (item 517) – Sum of Total Reference (513) and Total Consultations (item 516). A yearly figure of the reference transactions per typical week (item 602) in previous collections.

Library Services - Typical Week, Fall 2010

Collect data during a typical week in the fall. A typical week is one that is neither unusually busy nor unusually slow. Avoid vacation periods for key staff or days when unusual events are taking place on the campus or in the library. Choose a week in which the library is open its regular hours. Include any seven consecutive calendar days. If waiting for a typical week in Fall 2010 will delay this form, please use typical week data from the preceding fiscal year. If you have data for the entire year, divide by the number of weeks that the library was open.

Appendix B—ALS 2010 Instrument and Instructions

Number of weekly public service hours (item 600) – Report an unduplicated count of the total public service hours for physical libraries per typical full-service week (i.e., no holidays or other special accommodations) across both main library and branches using the following method (corresponds to IPEDS): If a library is open from 9:00 a.m. to 5:00 p.m. Monday through Friday, it should report 40 hours per week. If several of its branches are also open during these hours, the figure remains 40 hours per week. Should Branch A also be open one evening from 7:00 p.m. to 9:00 p.m., the total hours during which users can find service somewhere within the system becomes 42 hours per week. If Branch B is open the same hours on the same evening, the count is still 42, but if Branch B is open two hours on another evening, or remains open two hours later, the total is then 44 hours per week. Exclude 24-hour unstaffed reserve or similar reading rooms. The maximum total is 168 (i.e., a staffed reading room open 7 days per week, 24 hours per day).

Gate count in a typical week (item 601) - Report the number of persons who physically enter library facilities in a typical week. It is understood that a single person may be counted more than once. If the library is virtual or entirely electronic, please leave the line blank.

Reference transactions in a typical week (item 602) – Now reported as an annual figure in item 517.

Electronic Services

This section requests information about the electronic services provided by the library. The questions require a "yes" or "no" response. If the answer was "yes" at any time during the academic year, respond "yes". Examples of Technology to assist patrons with disabilities (item 702) are TDD and specially equipped work stations.

Information Literacy

This section requests information about institutional support for information literacy, which includes the set of skills needed to find, retrieve, analyze, and use information. The questions require a "yes" or "no" response.

Items 800-804 ask about information literacy activities undertaken by the postsecondary institution, not by the library.

Virtual Reference (revised language 3.5.09) (from NISO Z39.7, text integrated for clarity)

A virtual reference *interaction* is a question that is received and responded to in electronic format and conforms to reference *interactions* in that it is an information contact that involves the knowledge, use, commendation, interpretation, or instruction in the use of one or more information sources by a member of the library staff. Virtual *reference interactions* include e-mail, webform, chat, text messaging, instant messaging, or other network-based medium designed to support virtual reference. Examples of Chat reference, commercial service (item 902) are QuestionPoint and Tutor.com. Examples of Chat reference, instant messaging applications (item 904) are Meebo and Library Help.

ACADEMIC LIBRARIES SURVEY

SURVEY ELIGIBILITY

You are eligible to complete the survey if your institution has its own library, defined as an entity that provides all of the following:

- | | | |
|----|--|--------|
| a. | Do your total library expenditures exceed \$10,000? | Yes/No |
| b. | Do you have an organized collection of printed or other materials or a combination thereof? | Yes/No |
| c. | Do you have paid, trained library staff to provide and interpret library materials to meet the informational, cultural, recreational, or educational needs of clientele? | Yes/No |
| d. | Do you have established hours of operation during which paid, trained staff are available to meet the informational service needs of clientele? | Yes/No |
| e. | Does the library have the physical facilities necessary to support such a collection, staff, and schedule? | Yes/No |

Data collected by NCES are used for statistical and directory purposes only.

ACADEMIC LIBRARIES SURVEY

OUTLETS & STAFF, FY 2010

| Item | Outlets | Number |
|------|--|--------|
| 100 | Branch and independent libraries – Exclude main or central library | _____ |

(Exclude maintenance and custodial staff, volunteers and contributed services staff.)
Report FTE data to two decimals.

| Item | Staff | FALL 2010 Number of full-time equivalents (FTEs) (1) | FY 2010 Salaries and wages (whole dollars only) (2) |
|------|--|---|--|
| 200 | Librarians | _____ | |
| 201 | Other professional staff | _____ | |
| 202 | Total librarians and other professional staff (sum items 200 and 201) | _____ | \$ _____ |
| 203 | All other paid staff (except student assistants) | _____ | \$ _____ |
| 204 | Student assistants from all funding sources | _____ | \$ _____ |
| 205 | Total full-time equivalent (FTE) staff (sum items 202, 203 and 204) | _____ | \$ _____ |
| 206 | Are employee fringe benefits paid from the library budget? If no, select “N” and skip to item 300 | | _____ (Yes/No) |
| 207 | Employee fringe benefits (if paid from library budget) | | \$ _____ |

ACADEMIC LIBRARIES SURVEY

LIBRARY EXPENDITURES, FY 2010

See instructions for definitions.

| Item | Expenditures | Amount (whole dollars only) |
|------|--|--------------------------------|
| 205 | Total salaries and wages (from previous page): | \$ _____ |
| | Information resources: | |
| 300 | One-time purchases of books, serial backfiles and other materials | \$ _____ |
| 301 | Electronic \$ _____ | |
| 302 | Audiovisual \$ _____ | |
| 303 | Ongoing commitments to serial subscriptions | \$ _____ |
| 304 | Electronic serials \$ _____ | |
| | Other information resources: | |
| 305 | Document delivery/interlibrary loan | \$ _____ |
| 306 | Preservation | \$ _____ |
| 307 | Other expenditures for information resources | \$ _____ |
| | Operating expenditures: | |
| 308 | Computer hardware and software (include maintenance) | \$ _____ |
| 309 | Bibliographic utilities, networks and consortia | \$ _____ |
| 310 | All other operating expenditures | \$ _____ |
| 311 | TOTAL EXPENDITURES (Sum 205, 300, 303 and 305 through 310) | \$ _____ |

ACADEMIC LIBRARIES SURVEY

LIBRARY COLLECTIONS, FY 2010

See instructions for definitions.

| Item | Collections | Added during the Fiscal Year (1) | Held at end of Fiscal Year (2) |
|------|--|--|--------------------------------------|
| 400 | Books, serial backfiles and other paper materials (include government documents) | _____ | _____ |
| 401 | E-Books | _____ | _____ |
| 402 | Microforms | _____ | _____ |
| 403 | Audiovisual materials | _____ | _____ |
| 404 | Current serial titles | _____ | _____ |
| 405 | Electronic reference sources and aggregation services | _____ | _____ |
| 406 | Is the library collection entirely electronic? | Yes/No _____ | |

ACADEMIC LIBRARIES SURVEY

LIBRARY SERVICES, FY 2010

See instructions for definitions.

| Item | Services | Number |
|--|---|--------|
| Interlibrary loans and documents provided to other libraries: | | |
| 500 | Returnable | _____ |
| 501 | Non-returnable | _____ |
| 502 | Total provided (sum of items 500 and 501) | _____ |
| Interlibrary loans and documents received: | | |
| 503 | Returnable | _____ |
| 504 | Non-returnable | _____ |
| 505 | Documents received from commercial services | _____ |
| 506 | Total received (sum of items 503, 504 and 505) | _____ |
| Circulation: | | |
| 507 | General circulation transactions | _____ |
| 508 | Reserve circulation transactions | _____ |

ACADEMIC LIBRARIES SURVEY

LIBRARY SERVICES CONT., FY 2010

See instructions for definitions.

| Item | Services | Number |
|---|--|--------|
| Information services to groups: | | |
| 509 | Number of presentations | _____ |
| 510 | Total attendance at all presentations | _____ |
| Information services to individuals: | | |
| Reference (under 20 minutes): | | |
| 511 | In-person | _____ |
| 512 | Virtual | _____ |
| 513 | Total Reference (sum of items 511 and 512) | _____ |
| Consultations (20 minutes or more): | | |
| 514 | In-person | _____ |
| 515 | Virtual | _____ |
| 516 | Total Consultations (sum of items 514 and 515) | _____ |
| 517 | Total information services to individuals (sum of items 513 and 516) | _____ |

ACADEMIC LIBRARIES SURVEY

LIBRARY SERVICES, TYPICAL WEEK, FALL 2010

See instructions for definitions.

| Item | Services | Number in a typical week |
|------|---|-----------------------------|
| 600 | Number of weekly public service hours | _____ |
| 601 | Gate count in a typical week | _____ |
| 602 | Reference Transactions - Now reported as an annual figure in item 517 | |

ACADEMIC LIBRARIES SURVEY

ELECTRONIC SERVICES, FY 2010

See instructions for definitions.

| Item | Services | Yes/No |
|------|---|--------|
| | Does your library provide the following? | |
| 700 | Documents digitized by the library staff | _____ |
| 701 | Library reference service by e-mail or the Web | _____ |
| 702 | Technology to assist patrons with disabilities | _____ |
| 703 | Electronic theses and dissertations produced by your students | _____ |

ACADEMIC LIBRARIES SURVEY

INFORMATION LITERACY, FY 2010

See instructions for definition.

| Item | | Yes/No |
|------|--|--------|
| | Does your postsecondary institution have the following, or has it done the following? | |
| 800 | A definition of information literacy or of an information literate student | _____ |
| 801 | Incorporated information literacy in the institution's mission | _____ |
| 802 | Incorporated information literacy in the institution's strategic plan If no, select "N" and skip 803 and 804. | _____ |
| 803 | An institution-wide committee to implement the strategic plans for information literacy | _____ |
| 804 | The strategic plan formally recognizes the library's role in information literacy instruction? | _____ |

ACADEMIC LIBRARIES SURVEY

VIRTUAL REFERENCE, FY 2010

See instructions for definition.

| Item | | Yes/No |
|------|--|--------|
|------|--|--------|

| | | |
|-----|---|-------|
| 900 | Does your library support virtual reference services? If no, select “N” and skip 901 thru 904. | _____ |
|-----|---|-------|

If yes, does your library utilize any of the following and does it collect usage statistics form any of the virtual reference utilities?

| | | |
|-----|------------------|-------|
| 901 | E-mail reference | _____ |
|-----|------------------|-------|

| | | |
|-----|------------------------------------|-------|
| 902 | Chat reference, commercial service | _____ |
|-----|------------------------------------|-------|

| | | |
|-----|--|-------|
| 903 | Chat reference, instant messaging applications | _____ |
|-----|--|-------|

| | | |
|-----|---|-------|
| 904 | Short message service (SMS) or text messaging | _____ |
|-----|---|-------|

Appendix C

Distribution of Continuous Variable on Academic Libraries Survey: 2010

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Appendix C—Distribution of Continuous Variables on Academic Libraries Survey: 2010

| Variable | Label | Minimum | Maximum | Mean |
|-----------|--|---------|---------------|-------------|
| PCTMIN1 | Percent Black | 0.0 | 100.0 | 14.9 |
| PCTMIN2 | Percent American Indian/Alaskan Native | 0.0 | 100.0 | 1.5 |
| PCTMIN3 | Percent Asian/Pacific Islander | 0.0 | 100.0 | 4.2 |
| PCTMIN4 | Percent Hispanic | 0.0 | 100.0 | 10.5 |
| FTEUSED | 2010 IPEDS Fall Collection Full-Time Equivalent Enrollment | 3.0 | 349,062.0 | 4,037.1 |
| BRANCHES | Number of Branch and Independent Libraries | 0.0 | 72.0 | 0.8 |
| STLIBS | Librarians | 0.0 | 394.4 | 6.6 |
| STOTHPRO | Other Professional Staff | 0.0 | 190.0 | 1.9 |
| STLIBPRO | Total Librarians and Other Professional Staff | 0.0 | 524.0 | 8.5 |
| STOTH | All Other Paid Staff | 0.0 | 414.0 | 8.0 |
| STASST | Student Assistants From All Funding Sources | 0.0 | 217.0 | 5.6 |
| STTOT | Total Full-Time Equivalent Staff | 0.0 | 1,089.0 | 22.1 |
| SWLIBPRO | Salaries and Wages - Librarians and Other Professional Staff | 0.0 | 56,582,319.0 | 714,453.8 |
| SWOTH | Salaries and Wages - All Other Paid Staff | 0.0 | 26,080,494.0 | 488,232.3 |
| SWASST | Salaries and Wages - Student Assistants | 0.0 | 3,162,039.0 | 111,008.1 |
| SWTOT | Salaries and Wages - for Total Full-Time Equivalent Staff | 0.0 | 84,271,833.0 | 1,096,938.9 |
| FRINGE | Employee Fringe Benefits (if Paid From Library Budget) | 0.0 | 23,011,391.0 | 278,541.0 |
| EXBKS | Books, Serial Backfiles and Other Materials (One-Time Purchases) | 0.0 | 26,468,964.0 | 178,324.2 |
| EXELBKS | Electronic Expenditures | 0.0 | 4,865,605.0 | 37,494.9 |
| EXAUD | Audiovisual Expenditures | 0.0 | 16,154,062.0 | 13,712.8 |
| EXCUSER | Current Serial Subscriptions (Ongoing Commitments) | 0.0 | 15,233,300.0 | 439,610.0 |
| EXELSER | Electronic Serial Expenditures | 0.0 | 10,888,857.0 | 307,307.9 |
| EXDEL | Document Delivery/Interlibrary Loan | 0.0 | 1,008,293.0 | 8,268.5 |
| EXPRES | Preservation | 0.0 | 1,166,880.0 | 7,675.6 |
| EXOTHIR | Other Expenditures for Information Resources | 0.0 | 8,559,064.0 | 25,901.7 |
| EXCOMP | Computer Hardware and Software (Include Maintenance) | 0.0 | 3,170,893.0 | 35,226.2 |
| EXBIB | Bibliographic Utilities, Networks and Consortia | 0.0 | 1,627,940.0 | 29,143.4 |
| EXOTH | All Other Operating Expenditures | 0.0 | 17,067,088.0 | 166,086.3 |
| EXTOT | Total Expenditures | 0.0 | 133,426,947.0 | 1,683,038.5 |
| COLBKSA | Books, Serial Backfiles and Other Paper Materials - Added | 0.0 | 2,773,609.0 | 6,682.1 |
| COLEBKSA | E-books - Added | 0.0 | 645,616.0 | 7,924.6 |
| COLMICRA | Microforms - Added | 0.0 | 1,440,479.0 | 1,986.5 |
| COLAUDA | Audiovisual Materials - Added | 0.0 | 7,299,989.0 | 3,164.6 |
| COLSERA | Current Serial Subscriptions - Added | 0.0 | 61,889.0 | 573.7 |
| COLELREFA | Electronic Reference Sources - Added | 0.0 | 13,000.0 | 29.5 |
| COLBKSH | Books, Serial Backfiles and Other Paper Materials - Held | 0.0 | 16,832,952.0 | 264,787.9 |
| COLEBKSH | E-books - Held | 0.0 | 1,875,374.0 | 39,050.9 |
| COLMICRH | Microforms - Held | 0.0 | 10,739,522.0 | 276,438.1 |
| COLAUDH | Audiovisual Materials - Held | 0.0 | 10,740,684.0 | 27,675.5 |
| COLSERH | Current Serial Subscriptions - Held | 0.0 | 221,966.0 | 6,184.1 |
| COLELREFH | Electronic Reference Sources - Held | 0.0 | 91,985.0 | 452.3 |
| ILPRET | ILL Provided, Returnable | 0.0 | 79,708.0 | 1,682.2 |
| ILPNON | ILL Provided, Non-Returnable | 0.0 | 109,901.0 | 1,071.5 |
| ILPTOT | ILL Provided, Total | 0.0 | 173,672.0 | 2,753.7 |
| ILRRET | ILL Received, Returnable | 0.0 | 68,830.0 | 1,399.2 |
| ILRNON | ILL Received, Non-Returnable | 0.0 | 65,234.0 | 1,051.7 |
| DOCDEL | Documents Delivered From Commercial Services | 0.0 | 22,705.0 | 43.3 |
| ILRTOT | Total Received | 0.0 | 99,894.0 | 2,494.2 |
| CRGEN | General Circulation Transactions | 0.0 | 1,684,838.0 | 33,502.7 |

Appendix C—Distribution of Continuous Variables on Academic Libraries Survey: 2010

| Variable | Label | Minimum | Maximum | Mean |
|----------|---------------------------------------|---------|-----------|----------|
| CRRSV | Reserve Circulation Transactions | 0.0 | 962,104.0 | 10,210.2 |
| PRESEN | Number of Presentations | 0.0 | 3,635.0 | 129.0 |
| ATTEND | Total Attendance at All Presentations | 0.0 | 87,486.0 | 2,395.2 |
| REFPERS | In-Person Reference Transactions | 0.0 | 680,057.0 | 7,031.6 |
| REFVIRT | Virtual Reference Transactions | 0.0 | 146,400.0 | 747.0 |
| TOTREF | Total Reference Transactions | 0.0 | 689,781.0 | 7,781.7 |
| CONPERS | In-Person Consultations | 0.0 | 90,122.0 | 736.3 |
| CONVIRT | Virtual Consultations | 0.0 | 58,247.0 | 134.1 |
| TOTCON | Total Consultations | 0.0 | 99,029.0 | 874.7 |
| TOTSERIN | Total Services to Individuals | 0.0 | 732,823.0 | 8,656.4 |
| HOURS | Hours Open in a Typical Week | 0.0 | 168.0 | 69.8 |
| GATECT | Gate Count in a Typical Week | 0.0 | 190,178.0 | 5,463.2 |

Appendix D

Categorical Variable Frequencies on Academic Libraries Survey: 2010

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Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2010

| STABBR | State Abbreviation Code | | Cumulative Frequency | Cumulative Percent |
|-----------------------------|-------------------------|---------|-------------------------|-----------------------|
| | Frequency | Percent | | |
| AK ALASKA | 6 | 0.15 | 6 | 0.15 |
| AL ALABAMA | 67 | 1.64 | 73 | 1.79 |
| AR Arkansas | 47 | 1.15 | 120 | 2.94 |
| AS American Samoa | 1 | 0.02 | 121 | 2.97 |
| AZ Arizona | 68 | 1.67 | 189 | 4.64 |
| CA California | 387 | 9.49 | 576 | 14.13 |
| CO Colorado | 66 | 1.62 | 642 | 15.75 |
| CT Connecticut | 45 | 1.10 | 687 | 16.85 |
| DC District of Columbia | 17 | 0.42 | 704 | 17.27 |
| DE Delaware | 10 | 0.25 | 714 | 17.52 |
| FL Florida | 168 | 4.12 | 882 | 21.64 |
| FM Federal State Micronesia | 1 | 0.02 | 883 | 21.66 |
| GA Georgia | 126 | 3.09 | 1009 | 24.75 |
| GU Guam | 3 | 0.07 | 1012 | 24.83 |
| HI Hawaii | 16 | 0.39 | 1028 | 25.22 |
| IA Iowa | 59 | 1.45 | 1087 | 26.67 |
| ID Idaho | 14 | 0.34 | 1101 | 27.01 |
| IL Illinois | 164 | 4.02 | 1265 | 31.04 |
| IN Indiana | 89 | 2.18 | 1354 | 33.22 |
| KS Kansas | 60 | 1.47 | 1414 | 34.69 |
| KY Kentucky | 71 | 1.74 | 1485 | 36.43 |
| LA Louisiana | 50 | 1.23 | 1535 | 37.66 |
| MA Massachusetts | 121 | 2.97 | 1656 | 40.63 |
| MD Maryland | 58 | 1.42 | 1714 | 42.05 |
| ME Maine | 30 | 0.74 | 1744 | 42.79 |
| MH Marshall Islands | 1 | 0.02 | 1745 | 42.81 |
| MI Michigan | 102 | 2.50 | 1847 | 45.31 |
| MN Minnesota | 104 | 2.55 | 1951 | 47.87 |
| MO Missouri | 117 | 2.87 | 2068 | 50.74 |
| MS Mississippi | 34 | 0.83 | 2102 | 51.57 |
| MT Montana | 21 | 0.52 | 2123 | 52.09 |
| NC North Carolina | 135 | 3.31 | 2258 | 55.40 |
| ND North Dakota | 20 | 0.49 | 2278 | 55.89 |
| NE Nebraska | 38 | 0.93 | 2316 | 56.82 |
| NH New Hampshire | 26 | 0.64 | 2342 | 57.46 |
| NJ New Jersey | 60 | 1.47 | 2402 | 58.93 |
| NM New Mexico | 36 | 0.88 | 2438 | 59.81 |
| NV Nevada | 16 | 0.39 | 2454 | 60.21 |
| NY New York | 277 | 6.80 | 2731 | 67.00 |
| OH Ohio | 182 | 4.47 | 2913 | 71.47 |
| OK Oklahoma | 51 | 1.25 | 2964 | 72.72 |
| OR Oregon | 56 | 1.37 | 3020 | 74.09 |
| PA Pennsylvania | 216 | 5.30 | 3236 | 79.39 |
| PR Puerto Rico | 72 | 1.77 | 3308 | 81.16 |
| PW Palau | 1 | 0.02 | 3309 | 81.18 |

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2010

State Abbreviation Code

| STABBR | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|-------------------|-----------|---------|----------------------|--------------------|
| RI Rhode Island | 13 | 0.32 | 3322 | 81.50 |
| SC South Carolina | 69 | 1.69 | 3391 | 83.19 |
| SD South Dakota | 23 | 0.56 | 3414 | 83.76 |
| TN Tennessee | 90 | 2.21 | 3504 | 85.97 |
| TX Texas | 223 | 5.47 | 3727 | 91.44 |
| UT Utah | 31 | 0.76 | 3758 | 92.20 |
| VA Virginia | 101 | 2.48 | 3859 | 94.68 |
| VI Virgin Islands | 1 | 0.02 | 3860 | 94.70 |
| VT Vermont | 23 | 0.56 | 3883 | 95.26 |
| WA Washington | 72 | 1.77 | 3955 | 97.03 |
| WI Wisconsin | 73 | 1.79 | 4028 | 98.82 |
| WV West Virginia | 37 | 0.91 | 4065 | 99.73 |
| WY Wyoming | 11 | 0.27 | 4076 | 100.00 |

Status of the Institution

| ACT | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|--|-----------|---------|----------------------|--------------------|
| A Active - Institution active and not an add | 4031 | 98.90 | 4031 | 98.90 |
| N New - Added during the current year | 39 | 0.96 | 4070 | 99.85 |
| R Restore - Restored to the current universe | 6 | 0.15 | 4076 | 100.00 |

OBE Region Code

| OBereg | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|--|-----------|---------|----------------------|--------------------|
| 0 US Service Schools | 5 | 0.12 | 5 | 0.12 |
| 1 New England - CT ME MA NH RI VT | 257 | 6.31 | 262 | 6.43 |
| 2 Mid East - DE DC MD NJ NY PA | 635 | 15.58 | 897 | 22.01 |
| 3 Great Lakes - IL IN MI OH WI | 610 | 14.97 | 1507 | 36.97 |
| 4 Plains - IA KS MN MO NE ND SD | 421 | 10.33 | 1928 | 47.30 |
| 5 Southeast - AL AR FL GA KY LA MS NC SC TN VA WV | 995 | 24.41 | 2923 | 71.71 |
| 6 Southwest - AZ NM OK TX | 378 | 9.27 | 3301 | 80.99 |
| 7 Rocky Mountains - CO ID MT UT WY | 142 | 3.48 | 3443 | 84.47 |
| 8 Far West - AK CA HI NV OR WA | 553 | 13.57 | 3996 | 98.04 |
| 9 Outlying Areas - AS FM GU MH MP PR PW VI | 80 | 1.96 | 4076 | 100.00 |

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2010

OPE Eligibility Indicator

| OPEFLAG | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|---|-----------|---------|----------------------|--------------------|
| 1 Institution participates in Title IV federal financial aid programs | 4035 | 98.99 | 4035 | 98.99 |
| 2 Branch campus of a main campus that participates in Title IV | 37 | 0.91 | 4072 | 99.90 |
| 3 Deferment only - limited participation | 3 | 0.07 | 4075 | 99.98 |
| 5 Not currently participating in Title IV, has an OPE ID number | 1 | 0.02 | 4076 | 100.00 |

Sector of Institution

| SECTOR | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|--|-----------|---------|----------------------|--------------------|
| 1 Public, 4-year or above | 683 | 16.76 | 683 | 16.76 |
| 2 Private nonprofit, 4-year and above | 1490 | 36.56 | 2173 | 53.31 |
| 3 Private for profit, 4-year and above | 490 | 12.02 | 2663 | 65.33 |
| 4 Public, 2-year | 966 | 23.70 | 3629 | 89.03 |
| 5 Private nonprofit, 2-year | 69 | 1.69 | 3698 | 90.73 |
| 6 Private for profit, 2-year | 378 | 9.27 | 4076 | 100.00 |

Level of Institution

| ICLEVEL | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|--|-----------|---------|----------------------|--------------------|
| 1 Four or more years (Baccalaureate or higher degree) | 2663 | 65.33 | 2663 | 65.33 |
| 2 At least 2 but less than 4 years (below the Baccalaureate) | 1413 | 34.67 | 4076 | 100.00 |

Control of Institution

| CONTROL | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|-----------------------|-----------|---------|----------------------|--------------------|
| 1 Public | 1649 | 40.46 | 1649 | 40.46 |
| 2 Private, nonprofit | 1559 | 38.25 | 3208 | 78.70 |
| 3 Private, for profit | 868 | 21.30 | 4076 | 100.00 |

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2010

Highest Level of Education Offering

| HLOFFER | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|--|-----------|---------|----------------------|--------------------|
| 3 Associate degree | 1108 | 27.18 | 1108 | 27.18 |
| 4 Postsecondary award, certificate or diploma of at least two but less than four years | 305 | 7.48 | 1413 | 34.67 |
| 5 Bachelor's degree | 753 | 18.47 | 2166 | 53.14 |
| 6 Post baccalaureate certificate | 37 | 0.91 | 2203 | 54.05 |
| 7 Master's degree | 800 | 19.63 | 3003 | 73.68 |
| 8 Post master's certificate | 191 | 4.69 | 3194 | 78.36 |
| 9 Doctoral degree | 882 | 21.64 | 4076 | 100.00 |

Undergraduate Offering

| UGOFFER | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|---|-----------|---------|----------------------|--------------------|
| 1 Undergraduate degree or certificate offered | 3833 | 94.04 | 3833 | 94.04 |
| 2 No undergraduate offering | 243 | 5.96 | 4076 | 100.00 |

Graduate Offering

| GROFFER | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|--|-----------|---------|----------------------|--------------------|
| 1 Graduate degree or certificate offered | 1910 | 46.86 | 1910 | 46.86 |
| 2 No graduate offering | 2166 | 53.14 | 4076 | 100.00 |

Highest Degree Offered

| HDEGOFR1 | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|---|-----------|---------|----------------------|--------------------|
| 11 Doctor's degree - research/scholarship and professional practice | 337 | 8.27 | 337 | 8.27 |
| 12 Doctor's degree -research/scholarship | 240 | 5.89 | 577 | 14.16 |
| 13 Doctor's degree - professional practice | 222 | 5.45 | 799 | 19.60 |
| 14 Doctor's degree - other | 83 | 2.04 | 882 | 21.64 |
| 20 Master's degree | 990 | 24.29 | 1872 | 45.93 |
| 30 Bachelors | 787 | 19.31 | 2659 | 65.24 |
| 40 Associates | 1417 | 34.76 | 4076 | 100.00 |

Degree Granting Status

| DEGGRANT | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|----------|-----------|---------|----------------------|--------------------|
| 1 Yes | 4076 | 100.00 | 4076 | 100.00 |

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2010

Historically Black College or University

| HBCU | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|-------|-----------|---------|----------------------|--------------------|
| 1 Yes | 99 | 2.43 | 99 | 2.43 |
| 2 No | 3977 | 97.57 | 4076 | 100.00 |

Institution has Hospital

| HOSPITAL | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|-------------------|-----------|---------|----------------------|--------------------|
| -2 Not applicable | 973 | 23.87 | 973 | 23.87 |
| 1 Yes | 84 | 2.06 | 1057 | 25.93 |
| 2 No | 3019 | 74.07 | 4076 | 100.00 |

Institution Grants a Medical Degree

| MEDICAL | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|-------------------|-----------|---------|----------------------|--------------------|
| -2 Not applicable | 9 | 0.22 | 9 | 0.22 |
| -1 Not reported | 1 | 0.02 | 10 | 0.25 |
| 1 Yes | 164 | 4.02 | 174 | 4.27 |
| 2 No | 3902 | 95.73 | 4076 | 100.00 |

Tribal College

| TRIBAL | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|--------|-----------|---------|----------------------|--------------------|
| 1 Yes | 29 | 0.71 | 29 | 0.71 |
| 2 No | 4047 | 99.29 | 4076 | 100.00 |

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2010

| Carnegie Classification Code | | | | |
|--|-----------|---------|----------------------|--------------------|
| CARNEGIE | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| -3 Not available | 722 | 17.71 | 722 | 17.71 |
| 15 Doctoral/Research Universities - Extensive | 151 | 3.70 | 873 | 21.42 |
| 16 Doctoral/Research Universities - Intensive | 107 | 2.63 | 980 | 24.04 |
| 21 Master's Colleges and Universities I | 488 | 11.97 | 1468 | 36.02 |
| 22 Master's (comprehensive) Colleges and Universities II | 109 | 2.67 | 1577 | 38.69 |
| 31 Baccalaureate Colleges - Liberal Arts | 217 | 5.32 | 1794 | 44.01 |
| 32 Baccalaureate Colleges - General | 310 | 7.61 | 2104 | 51.62 |
| 33 Baccalaureate/Associate's Colleges | 53 | 1.30 | 2157 | 52.92 |
| 40 Associate's Colleges | 1320 | 32.38 | 3477 | 85.30 |
| 51 Theological seminaries and Other Specialized Faith-Related Institutions | 225 | 5.52 | 3702 | 90.82 |
| 52 Medical Schools and Medical Centers | 44 | 1.08 | 3746 | 91.90 |
| 53 Other Separate Health Profession Schools | 78 | 1.91 | 3824 | 93.82 |
| 54 Schools of Engineering and Technology | 45 | 1.10 | 3869 | 94.92 |
| 55 Schools of Business and Management | 32 | 0.79 | 3901 | 95.71 |
| 56 Schools of Art, Music, and Design | 74 | 1.82 | 3975 | 97.52 |
| 57 Schools of Law | 21 | 0.52 | 3996 | 98.04 |
| 58 Teachers Colleges | 5 | 0.12 | 4001 | 98.16 |
| 59 Other Specialized Institutions | 47 | 1.15 | 4048 | 99.31 |
| 60 Tribal Colleges and Universities | 28 | 0.69 | 4076 | 100.00 |

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2010

Carnegie Classification 2005: Basic Code

| CCBASIC | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|--|-----------|---------|----------------------|--------------------|
| -3 Not Applicable, not in Carnegie universe | 289 | 7.09 | 289 | 7.09 |
| 0 Not Classified | 16 | 0.39 | 305 | 7.48 |
| 1 Associate's - Public Rural - serving Small | 106 | 2.60 | 411 | 10.08 |
| 2 Associate's - Public Rural - serving Medium | 298 | 7.31 | 709 | 17.39 |
| 3 Associate's - Public Rural - serving Large | 142 | 3.48 | 851 | 20.88 |
| 4 Associate's - Public Suburban - serving Single campus | 109 | 2.67 | 960 | 23.55 |
| 5 Associate's - Public Suburban - serving Multi-campus | 94 | 2.31 | 1054 | 25.86 |
| 6 Associate's - Public Urban - serving Single campus | 32 | 0.79 | 1086 | 26.64 |
| 7 Associate's - Public Urban- serving Multi-campus | 135 | 3.31 | 1221 | 29.96 |
| 8 Associate's - Public Special Use | 10 | 0.25 | 1231 | 30.20 |
| 9 Associate's - Private Not-for-profit | 75 | 1.84 | 1306 | 32.04 |
| 10 Associate's - Private For-profit | 301 | 7.38 | 1607 | 39.43 |
| 11 Associate's - Public 2-year Colleges Under 4-year Universities | 53 | 1.30 | 1660 | 40.73 |
| 12 Associate's - Public 4-year Primarily Associate's | 18 | 0.44 | 1678 | 41.17 |
| 13 Associate's - Private Not-for-profit 4-year primarily Associate's | 15 | 0.37 | 1693 | 41.54 |
| 14 Associate's - Private For-profit 4-year primarily Associate's | 59 | 1.45 | 1752 | 42.98 |
| 15 Research Universities (very high research activity) | 98 | 2.40 | 1850 | 45.39 |
| 16 Research Universities (high research activity) | 103 | 2.53 | 1953 | 47.91 |
| 17 Doctoral/Research Universities, Master's Colleges and Universities | 81 | 1.99 | 2034 | 49.90 |
| 18 Master's Colleges and Universities (larger programs) | 340 | 8.34 | 2374 | 58.24 |
| 19 Master's Colleges and Universities (medium programs) | 183 | 4.49 | 2557 | 62.73 |
| 20 Master's Colleges and Universities (smaller programs) | 123 | 3.02 | 2680 | 65.75 |
| 21 Baccalaureate Colleges-Arts and Sciences | 272 | 6.67 | 2952 | 72.42 |
| 22 Baccalaureate Colleges-Diverse Fields | 346 | 8.49 | 3298 | 80.91 |
| 23 Baccalaureate/Associate's Colleges | 108 | 2.65 | 3406 | 83.56 |
| 24 Theological Seminaries, Bible Colleges and Other Faith-Related Institutions | 233 | 5.72 | 3639 | 89.28 |
| 25 Medical Schools and Medical centers | 51 | 1.25 | 3690 | 90.53 |
| 26 Other Separate Health Profession Schools | 105 | 2.58 | 3795 | 93.11 |
| 27 Schools of Engineering | 5 | 0.12 | 3800 | 93.23 |
| 28 Other Technology-Related Schools | 42 | 1.03 | 3842 | 94.26 |
| 29 Schools of Business and management | 53 | 1.30 | 3895 | 95.56 |
| 30 Schools of Art, Music, and Design | 97 | 2.38 | 3992 | 97.94 |
| 31 Schools of Law | 30 | 0.74 | 4022 | 98.68 |

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2010

Carnegie Classification 2005: Basic Code

| CCBASIC | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|-------------------------------------|-----------|---------|----------------------|--------------------|
| 32 Other special-focus institutions | 26 | 0.64 | 4048 | 99.31 |
| 33 Tribal Colleges | 28 | 0.69 | 4076 | 100.00 |

Locale Codes - Degree of Urbanization

| LOCALE | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|--------------------|-----------|---------|----------------------|--------------------|
| -3 Not available | 3 | 0.07 | 3 | 0.07 |
| 11 City: Large | 924 | 22.67 | 927 | 22.74 |
| 12 City: Midsize | 449 | 11.02 | 1376 | 33.76 |
| 13 City: Small | 522 | 12.81 | 1898 | 46.57 |
| 21 Suburb: Large | 791 | 19.41 | 2689 | 65.97 |
| 22 Suburb: Midsize | 98 | 2.40 | 2787 | 68.38 |
| 23 Suburb: Small | 67 | 1.64 | 2854 | 70.02 |
| 31 Town: Fringe | 39 | 0.96 | 2893 | 70.98 |
| 32 Town: Distant | 320 | 7.85 | 3213 | 78.83 |
| 33 Town: Remote | 257 | 6.31 | 3470 | 85.13 |
| 41 Rural: Fringe | 450 | 11.04 | 3920 | 96.17 |
| 42 Rural: Distant | 102 | 2.50 | 4022 | 98.68 |
| 43 Rural: Remote | 54 | 1.32 | 4076 | 100.00 |

Institution Open to the General Public

| OPENPUBL | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|----------|-----------|---------|----------------------|--------------------|
| 1 Yes | 4076 | 100.00 | 4076 | 100.00 |

Data Source Code - the Media Source Used for Returning Data

| DATSRC | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|----------------|-----------|---------|----------------------|--------------------|
| 1 Internet/Web | 3582 | 87.88 | 3582 | 87.88 |
| N Not returned | 494 | 12.12 | 4076 | 100.00 |

Response Status Code

| STATUS | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|--|-----------|---------|----------------------|--------------------|
| 1 Respondent | 3452 | 84.69 | 3452 | 84.69 |
| 3 Nonrespondent to data and screening questions, not imputed | 26 | 0.64 | 3478 | 85.33 |
| 4 Nonrespondent, imputed | 598 | 14.67 | 4076 | 100.00 |

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2010

Release Status Given to NCES

| EDITST | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|--|-----------|---------|----------------------|--------------------|
| 1 Record edited with no edit or critical flags | 131 | 3.21 | 131 | 3.21 |
| 2 Record edited with critical edit flags, analyst accept | 3170 | 77.77 | 3301 | 80.99 |
| N Not edited | 775 | 19.01 | 4076 | 100.00 |

Impute Indicator

| IMPUTE | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|--------------------------------|-----------|---------|----------------------|--------------------|
| 0 Not imputed | 1990 | 48.82 | 1990 | 48.82 |
| 1 At least one part is imputed | 2086 | 51.18 | 4076 | 100.00 |

Imputation Flag for Item 100

| PARTAFLAG1 | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|--|-----------|---------|----------------------|--------------------|
| 0 Nothing imputed for this part/total respondent for this part | 3413 | 83.73 | 3413 | 83.73 |
| 1 Total non-respondent for this part | 663 | 16.27 | 4076 | 100.00 |

Imputation Flag for Items 200-205, Both Columns

| PARTBFLAG1 | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|--|-----------|---------|----------------------|--------------------|
| 0 Nothing imputed for this part/total respondent for this part | 3224 | 79.10 | 3224 | 79.10 |
| 1 Total non-respondent for this part | 553 | 13.57 | 3777 | 92.66 |
| 2 Partial non-respondent for this part | 299 | 7.34 | 4076 | 100.00 |

Imputation Flag for Fringe Benefits, Items 206 and 207

| PARTBFLAG2 | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|--|-----------|---------|----------------------|--------------------|
| 0 Nothing imputed for this part/total respondent for this part | 4049 | 99.34 | 4049 | 99.34 |
| 1 Total non-respondent for this part | 27 | 0.66 | 4076 | 100.00 |

Imputation Flag for the Outer Column of Items 300, 303, and 305-311

| PARTCFLAG1 | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|--|-----------|---------|----------------------|--------------------|
| 0 Nothing imputed for this part/total respondent for this part | 3226 | 79.15 | 3226 | 79.15 |
| 1 Total non-respondent for this part | 617 | 15.14 | 3843 | 94.28 |
| 2 Partial non-respondent for this part | 233 | 5.72 | 4076 | 100.00 |

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2010

Imputation Flag for the Inner Column of Items 301, 302, and 304

| PARTCFLAG2 | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|--|-----------|---------|----------------------|--------------------|
| 0 Nothing imputed for this part/total respondent for this part | 2837 | 69.60 | 2837 | 69.60 |
| 1 Total non-respondent for this part | 685 | 16.81 | 3522 | 86.41 |
| 2 Partial non-respondent for this part | 554 | 13.59 | 4076 | 100.00 |

Imputation Flag for Columns 1 and 2 of Items 400 and 402-405

| PARTDFLAG1 | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|--|-----------|---------|----------------------|--------------------|
| 0 Nothing imputed for this part/total respondent for this part | 3051 | 74.85 | 3051 | 74.85 |
| 1 Total non-respondent for this part | 578 | 14.18 | 3629 | 89.03 |
| 2 Partial non-respondent for this part | 447 | 10.97 | 4076 | 100.00 |

Imputation Flag for Columns 1 and 2 of Item 401

| PARTDFLAG2 | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|--|-----------|---------|----------------------|--------------------|
| 0 Nothing imputed for this part/total respondent for this part | 3017 | 74.02 | 3017 | 74.02 |
| 1 Total non-respondent for this part | 617 | 15.14 | 3634 | 89.16 |
| 2 Partial non-respondent for this part | 442 | 10.84 | 4076 | 100.00 |

Imputation Flag for Items 500-506

| PARTEFLAG1 | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|--|-----------|---------|----------------------|--------------------|
| 0 Nothing imputed for this part/total respondent for this part | 3405 | 83.54 | 3405 | 83.54 |
| 1 Total non-respondent for this part | 613 | 15.04 | 4018 | 98.58 |
| 2 Partial non-respondent for this part | 58 | 1.42 | 4076 | 100.00 |

Imputation Flag for Items 507, 508 and 511-517

| PARTEFLAG2 | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|--|-----------|---------|----------------------|--------------------|
| 0 Nothing imputed for this part/total respondent for this part | 2790 | 68.45 | 2790 | 68.45 |
| 1 Total non-respondent for this part | 590 | 14.47 | 3380 | 82.92 |
| 2 Partial non-respondent for this part | 696 | 17.08 | 4076 | 100.00 |

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2010

Imputation Flag for Items 509 and 510

| PARTEFLAG3 | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|--|-----------|---------|----------------------|--------------------|
| 0 Nothing imputed for this part/total respondent for this part | 3443 | 84.47 | 3443 | 84.47 |
| 1 Total non-respondent for this part | 615 | 15.09 | 4058 | 99.56 |
| 2 Partial non-respondent for this part | 18 | 0.44 | 4076 | 100.00 |

Imputation Flag for Items 600-602

| PARTFFLAG1 | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|--|-----------|---------|----------------------|--------------------|
| 0 Nothing imputed for this part/total respondent for this part | 3362 | 82.48 | 3362 | 82.48 |
| 1 Total non-respondent for this part | 583 | 14.30 | 3945 | 96.79 |
| 2 Partial non-respondent for this part | 131 | 3.21 | 4076 | 100.00 |

Flag to Indicate Full-Time Enrollment is Estimated by Census

| FTEFLAG | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|------------------------------|-----------|---------|----------------------|--------------------|
| 0 Not estimated | 3977 | 97.57 | 3977 | 97.57 |
| 1 Estimated | 9 | 0.22 | 3986 | 97.79 |
| 3 Combined with children FTE | 90 | 2.21 | 4076 | 100.00 |

Institution has a Total Library Expenditures Exceeding \$10,000

| ELGEXP | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|---------------|-----------|---------|----------------------|--------------------|
| 1 Yes | 3247 | 79.66 | 3247 | 79.66 |
| N No response | 829 | 20.34 | 4076 | 100.00 |

Institution has an Organized Collection of Printed or Other Materials or a Combination

| ELGCOLL | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|---------------|-----------|---------|----------------------|--------------------|
| 1 Yes | 3247 | 79.66 | 3247 | 79.66 |
| N No response | 829 | 20.34 | 4076 | 100.00 |

Institution has a Staff Trained to Provide and Interpret Such Materials as Required to Meet the Informational, Cultural, Recreational, or Educational Needs of Clientele

| ELGSTAFF | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|---------------|-----------|---------|----------------------|--------------------|
| 1 Yes | 3247 | 79.66 | 3247 | 79.66 |
| N No response | 829 | 20.34 | 4076 | 100.00 |

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2010

Institution has an Established Schedule in Which Services of the Staff are Available to Clientele

| ELGSCHED | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|---------------|-----------|---------|----------------------|--------------------|
| 1 Yes | 3247 | 79.66 | 3247 | 79.66 |
| N No response | 829 | 20.34 | 4076 | 100.00 |

Institution has the Physical Facilities Necessary to Support Such a Collection, Staff, and Schedule

| ELGPHYS | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|---------------|-----------|---------|----------------------|--------------------|
| 1 Yes | 3247 | 79.66 | 3247 | 79.66 |
| N No response | 829 | 20.34 | 4076 | 100.00 |

Current Year Parent/Child Indicator

| CYPARCH | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|---------------|-----------|---------|----------------------|--------------------|
| 1 Parent | 90 | 2.21 | 90 | 2.21 |
| 2 Child | 305 | 7.48 | 395 | 9.69 |
| N No response | 3681 | 90.31 | 4076 | 100.00 |

Statusflag - BRANCHES

| XBRANCHES | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|--|-----------|---------|----------------------|--------------------|
| A Analyst adjusted a reported value | 10 | 0.25 | 10 | 0.25 |
| C Analyst corrected a cell that was blank | 315 | 7.73 | 325 | 7.97 |
| I Imputation for a cell that was a nonresponse, using a method other than prior year | 185 | 4.54 | 510 | 12.51 |
| N Original data field was blank | 335 | 8.22 | 845 | 20.73 |
| P Imputation for a cell that previously was a nonresponse, using prior year data | 478 | 11.73 | 1323 | 32.46 |
| R Original data value was reported | 2753 | 67.54 | 4076 | 100.00 |

Statusflag - STLIBS

| XSTLIBS | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|--|-----------|---------|----------------------|--------------------|
| A Analyst adjusted a reported value | 5 | 0.12 | 5 | 0.12 |
| C Analyst corrected a cell that was blank | 8 | 0.20 | 13 | 0.32 |
| I Imputation for a cell that was a nonresponse, using a method other than prior year | 169 | 4.15 | 182 | 4.47 |
| N Original data field was blank | 329 | 8.07 | 511 | 12.54 |
| P Imputation for a cell that previously was a nonresponse, using prior year data | 394 | 9.67 | 905 | 22.20 |
| R Original data value was reported | 3163 | 77.60 | 4068 | 99.80 |
| Z Implied reported zero value | 8 | 0.20 | 4076 | 100.00 |

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2010

Statusflag - STOTHPRO

| XSTOTHPRO | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|--|-----------|---------|----------------------|--------------------|
| A Analyst adjusted a reported value | 12 | 0.29 | 12 | 0.29 |
| C Analyst corrected a cell that was blank | 7 | 0.17 | 19 | 0.47 |
| I Imputation for a cell that was a nonresponse, using a method other than prior year | 166 | 4.07 | 185 | 4.54 |
| N Original data field was blank | 329 | 8.07 | 514 | 12.61 |
| P Imputation for a cell that previously was a nonresponse, using prior year data | 395 | 9.69 | 909 | 22.30 |
| R Original data value was reported | 2846 | 69.82 | 3755 | 92.12 |
| Z Implied reported zero value | 321 | 7.88 | 4076 | 100.00 |

Statusflag - STLIBPRO

| XSTLIBPRO | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|--|-----------|---------|----------------------|--------------------|
| A Analyst adjusted a reported value | 24 | 0.59 | 24 | 0.59 |
| C Analyst corrected a cell that was blank | 8 | 0.20 | 32 | 0.79 |
| I Imputation for a cell that was a nonresponse, using a method other than prior year | 1 | 0.02 | 33 | 0.81 |
| N Original data field was blank | 329 | 8.07 | 362 | 8.88 |
| R Original data value was reported | 3154 | 77.38 | 3516 | 86.26 |
| T Total replaced with sum of detail during imputations | 560 | 13.74 | 4076 | 100.00 |

Statusflag - STOTH

| XSTOTH | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|--|-----------|---------|----------------------|--------------------|
| A Analyst adjusted a reported value | 16 | 0.39 | 16 | 0.39 |
| C Analyst corrected a cell that was blank | 9 | 0.22 | 25 | 0.61 |
| I Imputation for a cell that was a nonresponse, using a method other than prior year | 175 | 4.29 | 200 | 4.91 |
| N Original data field was blank | 329 | 8.07 | 529 | 12.98 |
| P Imputation for a cell that previously was a nonresponse, using prior year data | 390 | 9.57 | 919 | 22.55 |
| R Original data value was reported | 3068 | 75.27 | 3987 | 97.82 |
| Z Implied reported zero value | 89 | 2.18 | 4076 | 100.00 |

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2010

Statusflag - STASST

| XSTASST | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|--|-----------|---------|----------------------|--------------------|
| A Analyst adjusted a reported value | 119 | 2.92 | 119 | 2.92 |
| C Analyst corrected a cell that was blank | 10 | 0.25 | 129 | 3.16 |
| I Imputation for a cell that was a nonresponse, using a method other than prior year | 195 | 4.78 | 324 | 7.95 |
| N Original data field was blank | 335 | 8.22 | 659 | 16.17 |
| P Imputation for a cell that previously was a nonresponse, using prior year data | 395 | 9.69 | 1054 | 25.86 |
| R Original data value was reported | 2953 | 72.45 | 4007 | 98.31 |
| Z Implied reported zero value | 69 | 1.69 | 4076 | 100.00 |

Statusflag - STTOT

| XSTTOT | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|--|-----------|---------|----------------------|--------------------|
| A Analyst adjusted a reported value | 142 | 3.48 | 142 | 3.48 |
| C Analyst corrected a cell that was blank | 16 | 0.39 | 158 | 3.88 |
| I Imputation for a cell that was a nonresponse, using a method other than prior year | 1 | 0.02 | 159 | 3.90 |
| N Original data field was blank | 335 | 8.22 | 494 | 12.12 |
| R Original data value was reported | 2991 | 73.38 | 3485 | 85.50 |
| T Total replaced with sum of detail during imputations | 591 | 14.50 | 4076 | 100.00 |

Statusflag - SWLIBPRO

| XSWLIBPRO | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|--|-----------|---------|----------------------|--------------------|
| A Analyst adjusted a reported value | 12 | 0.29 | 12 | 0.29 |
| C Analyst corrected a cell that was blank | 8 | 0.20 | 20 | 0.49 |
| H Data suppressed | 1328 | 32.58 | 1348 | 33.07 |
| I Imputation for a cell that was a nonresponse, using a method other than prior year | 242 | 5.94 | 1590 | 39.01 |
| N Original data field was blank | 329 | 8.07 | 1919 | 47.08 |
| R Original data value was reported | 2157 | 52.92 | 4076 | 100.00 |

Statusflag - SWOTH

| XSWOTH | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|--|-----------|---------|----------------------|--------------------|
| A Analyst adjusted a reported value | 4 | 0.10 | 4 | 0.10 |
| C Analyst corrected a cell that was blank | 4 | 0.10 | 8 | 0.20 |
| H Data suppressed | 1811 | 44.43 | 1819 | 44.63 |
| I Imputation for a cell that was a nonresponse, using a method other than prior year | 154 | 3.78 | 1973 | 48.41 |
| N Original data field was blank | 330 | 8.10 | 2303 | 56.50 |
| R Original data value was reported | 1773 | 43.50 | 4076 | 100.00 |

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2010

Statusflag - SWASST

| XSWASST | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|--|-----------|---------|----------------------|--------------------|
| A Analyst adjusted a reported value | 13 | 0.32 | 13 | 0.32 |
| C Analyst corrected a cell that was blank | 4 | 0.10 | 17 | 0.42 |
| H Data suppressed | 1930 | 47.35 | 1947 | 47.77 |
| I Imputation for a cell that was a nonresponse, using a method other than prior year | 226 | 5.54 | 2173 | 53.31 |
| N Original data field was blank | 331 | 8.12 | 2504 | 61.43 |
| R Original data value was reported | 1572 | 38.57 | 4076 | 100.00 |

Statusflag - SWTOT

| XSWTOT | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|--|-----------|---------|----------------------|--------------------|
| A Analyst adjusted a reported value | 21 | 0.52 | 21 | 0.52 |
| C Analyst corrected a cell that was blank | 9 | 0.22 | 30 | 0.74 |
| H Data suppressed | 1403 | 34.42 | 1433 | 35.16 |
| I Imputation for a cell that was a nonresponse, using a method other than prior year | 244 | 5.99 | 1677 | 41.14 |
| N Original data field was blank | 333 | 8.17 | 2010 | 49.31 |
| R Original data value was reported | 1923 | 47.18 | 3933 | 96.49 |
| T Total replaced with sum of detail during imputations | 143 | 3.51 | 4076 | 100.00 |

Statusflag - FRINGEYN

| XFRINGEYN | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|---|-----------|---------|----------------------|--------------------|
| A Analyst adjusted a reported value | 18 | 0.44 | 18 | 0.44 |
| C Analyst corrected a cell that was blank | 602 | 14.77 | 620 | 15.21 |
| N Original data field was blank | 305 | 7.48 | 925 | 22.69 |
| R Original data value was reported | 3151 | 77.31 | 4076 | 100.00 |

Are Employee Fringe Benefits Paid From the Library Budget

| FRINGEYN | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|---------------|-----------|---------|----------------------|--------------------|
| 1 Yes | 1520 | 37.29 | 1520 | 37.29 |
| 2 No | 2251 | 55.23 | 3771 | 92.52 |
| N nonresponse | 305 | 7.48 | 4076 | 100.00 |

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2010

Statusflag - FRINGE

| XFRINGE | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|--|-----------|---------|----------------------|--------------------|
| A Analyst adjusted a reported value | 4 | 0.10 | 4 | 0.10 |
| C Analyst corrected a cell that was blank | 3 | 0.07 | 7 | 0.17 |
| H Data suppressed | 2469 | 60.57 | 2476 | 60.75 |
| I Imputation for a cell that was a nonresponse, using a method other than prior year | 5 | 0.12 | 2481 | 60.87 |
| N Original data field was blank | 307 | 7.53 | 2788 | 68.40 |
| R Original data value was reported | 679 | 16.66 | 3467 | 85.06 |
| S Not applicable, not imputed | 609 | 14.94 | 4076 | 100.00 |

Statusflag - EXBKS

| XEXBKS | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|--|-----------|---------|----------------------|--------------------|
| A Analyst adjusted a reported value | 33 | 0.81 | 33 | 0.81 |
| C Analyst corrected a cell that was blank | 10 | 0.25 | 43 | 1.05 |
| I Imputation for a cell that was a nonresponse, using a method other than prior year | 242 | 5.94 | 285 | 6.99 |
| N Original data field was blank | 332 | 8.15 | 617 | 15.14 |
| P Imputation for a cell that previously was a nonresponse, using prior year data | 420 | 10.30 | 1037 | 25.44 |
| R Original data value was reported | 3034 | 74.44 | 4071 | 99.88 |
| T Total replaced with sum of detail during imputations | 1 | 0.02 | 4072 | 99.90 |
| Z Implied reported zero value | 4 | 0.10 | 4076 | 100.00 |

Statusflag - EXELBKS

| XEXELBKS | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|--|-----------|---------|----------------------|--------------------|
| A Analyst adjusted a reported value | 6 | 0.15 | 6 | 0.15 |
| C Analyst corrected a cell that was blank | 8 | 0.20 | 14 | 0.34 |
| I Imputation for a cell that was a nonresponse, using a method other than prior year | 449 | 11.02 | 463 | 11.36 |
| N Original data field was blank | 340 | 8.34 | 803 | 19.70 |
| P Imputation for a cell that previously was a nonresponse, using prior year data | 540 | 13.25 | 1343 | 32.95 |
| R Original data value was reported | 2729 | 66.95 | 4072 | 99.90 |
| Z Implied reported zero value | 4 | 0.10 | 4076 | 100.00 |

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2010

Statusflag - EXAUD

| XEXAUD | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|--|-----------|---------|----------------------|--------------------|
| A Analyst adjusted a reported value | 5 | 0.12 | 5 | 0.12 |
| C Analyst corrected a cell that was blank | 13 | 0.32 | 18 | 0.44 |
| I Imputation for a cell that was a nonresponse, using a method other than prior year | 366 | 8.98 | 384 | 9.42 |
| N Original data field was blank | 337 | 8.27 | 721 | 17.69 |
| P Imputation for a cell that previously was a nonresponse, using prior year data | 499 | 12.24 | 1220 | 29.93 |
| R Original data value was reported | 2794 | 68.55 | 4014 | 98.48 |
| Z Implied reported zero value | 62 | 1.52 | 4076 | 100.00 |

Statusflag - EXCUSER

| XEXCUSER | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|--|-----------|---------|----------------------|--------------------|
| A Analyst adjusted a reported value | 59 | 1.45 | 59 | 1.45 |
| C Analyst corrected a cell that was blank | 8 | 0.20 | 67 | 1.64 |
| I Imputation for a cell that was a nonresponse, using a method other than prior year | 233 | 5.72 | 300 | 7.36 |
| N Original data field was blank | 333 | 8.17 | 633 | 15.53 |
| P Imputation for a cell that previously was a nonresponse, using prior year data | 428 | 10.50 | 1061 | 26.03 |
| R Original data value was reported | 3010 | 73.85 | 4071 | 99.88 |
| Z Implied reported zero value | 5 | 0.12 | 4076 | 100.00 |

Statusflag - EXELSER

| XEXELSER | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|--|-----------|---------|----------------------|--------------------|
| A Analyst adjusted a reported value | 15 | 0.37 | 15 | 0.37 |
| C Analyst corrected a cell that was blank | 9 | 0.22 | 24 | 0.59 |
| I Imputation for a cell that was a nonresponse, using a method other than prior year | 408 | 10.01 | 432 | 10.60 |
| N Original data field was blank | 335 | 8.22 | 767 | 18.82 |
| P Imputation for a cell that previously was a nonresponse, using prior year data | 503 | 12.34 | 1270 | 31.16 |
| R Original data value was reported | 2795 | 68.57 | 4065 | 99.73 |
| Z Implied reported zero value | 11 | 0.27 | 4076 | 100.00 |

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2010

Statusflag - EXDEL

| XEXDEL | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|--|-----------|---------|----------------------|--------------------|
| A Analyst adjusted a reported value | 3 | 0.07 | 3 | 0.07 |
| C Analyst corrected a cell that was blank | 15 | 0.37 | 18 | 0.44 |
| I Imputation for a cell that was a nonresponse, using a method other than prior year | 227 | 5.57 | 245 | 6.01 |
| N Original data field was blank | 332 | 8.15 | 577 | 14.16 |
| P Imputation for a cell that previously was a nonresponse, using prior year data | 435 | 10.67 | 1012 | 24.83 |
| R Original data value was reported | 2914 | 71.49 | 3926 | 96.32 |
| Z Implied reported zero value | 150 | 3.68 | 4076 | 100.00 |

Statusflag - EXPRES

| XEXPRES | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|--|-----------|---------|----------------------|--------------------|
| A Analyst adjusted a reported value | 4 | 0.10 | 4 | 0.10 |
| C Analyst corrected a cell that was blank | 15 | 0.37 | 19 | 0.47 |
| I Imputation for a cell that was a nonresponse, using a method other than prior year | 230 | 5.64 | 249 | 6.11 |
| N Original data field was blank | 332 | 8.15 | 581 | 14.25 |
| P Imputation for a cell that previously was a nonresponse, using prior year data | 433 | 10.62 | 1014 | 24.88 |
| R Original data value was reported | 2886 | 70.80 | 3900 | 95.68 |
| Z Implied reported zero value | 176 | 4.32 | 4076 | 100.00 |

Statusflag - EXOTHIR

| XEXOTHIR | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|--|-----------|---------|----------------------|--------------------|
| A Analyst adjusted a reported value | 6 | 0.15 | 6 | 0.15 |
| C Analyst corrected a cell that was blank | 21 | 0.52 | 27 | 0.66 |
| I Imputation for a cell that was a nonresponse, using a method other than prior year | 238 | 5.84 | 265 | 6.50 |
| N Original data field was blank | 333 | 8.17 | 598 | 14.67 |
| P Imputation for a cell that previously was a nonresponse, using prior year data | 438 | 10.75 | 1036 | 25.42 |
| R Original data value was reported | 2668 | 65.46 | 3704 | 90.87 |
| Z Implied reported zero value | 372 | 9.13 | 4076 | 100.00 |

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2010

Statusflag - EXCOMP

| XEXCOMP | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|--|-----------|---------|----------------------|--------------------|
| A Analyst adjusted a reported value | 3 | 0.07 | 3 | 0.07 |
| C Analyst corrected a cell that was blank | 16 | 0.39 | 19 | 0.47 |
| I Imputation for a cell that was a nonresponse, using a method other than prior year | 236 | 5.79 | 255 | 6.26 |
| N Original data field was blank | 331 | 8.12 | 586 | 14.38 |
| P Imputation for a cell that previously was a nonresponse, using prior year data | 429 | 10.53 | 1015 | 24.90 |
| R Original data value was reported | 2910 | 71.39 | 3925 | 96.30 |
| Z Implied reported zero value | 151 | 3.70 | 4076 | 100.00 |

Statusflag - EXBIB

| XEXBIB | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|--|-----------|---------|----------------------|--------------------|
| A Analyst adjusted a reported value | 1 | 0.02 | 1 | 0.02 |
| C Analyst corrected a cell that was blank | 17 | 0.42 | 18 | 0.44 |
| I Imputation for a cell that was a nonresponse, using a method other than prior year | 234 | 5.74 | 252 | 6.18 |
| N Original data field was blank | 331 | 8.12 | 583 | 14.30 |
| P Imputation for a cell that previously was a nonresponse, using prior year data | 426 | 10.45 | 1009 | 24.75 |
| R Original data value was reported | 2956 | 72.52 | 3965 | 97.28 |
| Z Implied reported zero value | 111 | 2.72 | 4076 | 100.00 |

Statusflag - EXOTH

| XEXOTH | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|--|-----------|---------|----------------------|--------------------|
| A Analyst adjusted a reported value | 7 | 0.17 | 7 | 0.17 |
| C Analyst corrected a cell that was blank | 10 | 0.25 | 17 | 0.42 |
| H Data suppressed | 1403 | 34.42 | 1420 | 34.84 |
| I Imputation for a cell that was a nonresponse, using a method other than prior year | 107 | 2.63 | 1527 | 37.46 |
| N Original data field was blank | 331 | 8.12 | 1858 | 45.58 |
| P Imputation for a cell that previously was a nonresponse, using prior year data | 218 | 5.35 | 2076 | 50.93 |
| R Original data value was reported | 1879 | 46.10 | 3955 | 97.03 |
| Z Implied reported zero value | 121 | 2.97 | 4076 | 100.00 |

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2010

Statusflag EXTOT

| XEXTOT | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|--|-----------|---------|----------------------|--------------------|
| A Analyst adjusted a reported value | 166 | 4.07 | 166 | 4.07 |
| C Analyst corrected a cell that was blank | 27 | 0.66 | 193 | 4.74 |
| N Original data field was blank | 337 | 8.27 | 530 | 13.00 |
| R Original data value was reported | 2710 | 66.49 | 3240 | 79.49 |
| T Total replaced with sum of detail during imputations | 836 | 20.51 | 4076 | 100.00 |

Statusflag - COLELYN

| XCOLELYN | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|---|-----------|---------|----------------------|--------------------|
| A Analyst adjusted a reported value | 16 | 0.39 | 16 | 0.39 |
| C Analyst corrected a cell that was blank | 14 | 0.34 | 30 | 0.74 |
| N Original data field was blank | 871 | 21.37 | 901 | 22.11 |
| R Original data value was reported | 3175 | 77.89 | 4076 | 100.00 |

Library Collection is Entirely Electronic

| COLELYN | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|---------------|-----------|---------|----------------------|--------------------|
| 1 Yes | 17 | 0.42 | 17 | 0.42 |
| 2 No | 3188 | 78.21 | 3205 | 78.63 |
| N nonresponse | 871 | 21.37 | 4076 | 100.00 |

Statusflag - COLBKSA

| XCOLBKSA | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|--|-----------|---------|----------------------|--------------------|
| A Analyst adjusted a reported value | 19 | 0.47 | 19 | 0.47 |
| C Analyst corrected a cell that was blank | 12 | 0.29 | 31 | 0.76 |
| I Imputation for a cell that was a nonresponse, using a method other than prior year | 651 | 15.97 | 682 | 16.73 |
| N Original data field was blank | 332 | 8.15 | 1014 | 24.88 |
| R Original data value was reported | 3058 | 75.02 | 4072 | 99.90 |
| Z Implied reported zero value | 4 | 0.10 | 4076 | 100.00 |

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2010

Statusflag - COLEBKSA

| XCOLEBKSA | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|--|-----------|---------|----------------------|--------------------|
| A Analyst adjusted a reported value | 23 | 0.56 | 23 | 0.56 |
| C Analyst corrected a cell that was blank | 7 | 0.17 | 30 | 0.74 |
| I Imputation for a cell that was a nonresponse, using a method other than prior year | 780 | 19.14 | 810 | 19.87 |
| N Original data field was blank | 337 | 8.27 | 1147 | 28.14 |
| R Original data value was reported | 2901 | 71.17 | 4048 | 99.31 |
| Z Implied reported zero value | 28 | 0.69 | 4076 | 100.00 |

Statusflag COLMICRA

| XCOLMICRA | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|--|-----------|---------|----------------------|--------------------|
| A Analyst adjusted a reported value | 21 | 0.52 | 21 | 0.52 |
| C Analyst corrected a cell that was blank | 8 | 0.20 | 29 | 0.71 |
| I Imputation for a cell that was a nonresponse, using a method other than prior year | 778 | 19.09 | 807 | 19.80 |
| N Original data field was blank | 339 | 8.32 | 1146 | 28.12 |
| R Original data value was reported | 2905 | 71.27 | 4051 | 99.39 |
| Z Implied reported zero value | 25 | 0.61 | 4076 | 100.00 |

Statusflag - COLAUDA

| XCOLAUDA | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|--|-----------|---------|----------------------|--------------------|
| A Analyst adjusted a reported value | 26 | 0.64 | 26 | 0.64 |
| C Analyst corrected a cell that was blank | 6 | 0.15 | 32 | 0.79 |
| I Imputation for a cell that was a nonresponse, using a method other than prior year | 710 | 17.42 | 742 | 18.20 |
| N Original data field was blank | 333 | 8.17 | 1075 | 26.37 |
| R Original data value was reported | 2976 | 73.01 | 4051 | 99.39 |
| Z Implied reported zero value | 25 | 0.61 | 4076 | 100.00 |

Statusflag - COLSERA

| XCOLSERA | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|--|-----------|---------|----------------------|--------------------|
| A Analyst adjusted a reported value | 134 | 3.29 | 134 | 3.29 |
| C Analyst corrected a cell that was blank | 7 | 0.17 | 141 | 3.46 |
| I Imputation for a cell that was a nonresponse, using a method other than prior year | 766 | 18.79 | 907 | 22.25 |
| N Original data field was blank | 338 | 8.29 | 1245 | 30.54 |
| P Imputation for a cell that previously was a nonresponse, using prior year data | 2 | 0.05 | 1247 | 30.59 |
| R Original data value was reported | 2829 | 69.41 | 4076 | 100.00 |

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2010

Statusflag - COLELREFA

| XCOLELREFA | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|--|-----------|---------|----------------------|--------------------|
| A Analyst adjusted a reported value | 52 | 1.28 | 52 | 1.28 |
| C Analyst corrected a cell that was blank | 7 | 0.17 | 59 | 1.45 |
| I Imputation for a cell that was a nonresponse, using a method other than prior year | 896 | 21.98 | 955 | 23.43 |
| N Original data field was blank | 341 | 8.37 | 1296 | 31.80 |
| R Original data value was reported | 2769 | 67.93 | 4065 | 99.73 |
| Z Implied reported zero value | 11 | 0.27 | 4076 | 100.00 |

Statusflag - COLBKSH

| XCOLBKSH | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|--|-----------|---------|----------------------|--------------------|
| A Analyst adjusted a reported value | 18 | 0.44 | 18 | 0.44 |
| C Analyst corrected a cell that was blank | 14 | 0.34 | 32 | 0.79 |
| I Imputation for a cell that was a nonresponse, using a method other than prior year | 238 | 5.84 | 270 | 6.62 |
| N Original data field was blank | 333 | 8.17 | 603 | 14.79 |
| P Imputation for a cell that previously was a nonresponse, using prior year data | 380 | 9.32 | 983 | 24.12 |
| R Original data value was reported | 3093 | 75.88 | 4076 | 100.00 |

Statusflag - COLEBKSH

| XCOLEBKSH | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|--|-----------|---------|----------------------|--------------------|
| A Analyst adjusted a reported value | 28 | 0.69 | 28 | 0.69 |
| C Analyst corrected a cell that was blank | 12 | 0.29 | 40 | 0.98 |
| I Imputation for a cell that was a nonresponse, using a method other than prior year | 314 | 7.70 | 354 | 8.68 |
| N Original data field was blank | 339 | 8.32 | 693 | 17.00 |
| P Imputation for a cell that previously was a nonresponse, using prior year data | 430 | 10.55 | 1123 | 27.55 |
| R Original data value was reported | 2953 | 72.45 | 4076 | 100.00 |

Statusflag - COLMICRH

| XCOLMICRH | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|--|-----------|---------|----------------------|--------------------|
| A Analyst adjusted a reported value | 8 | 0.20 | 8 | 0.20 |
| C Analyst corrected a cell that was blank | 20 | 0.49 | 28 | 0.69 |
| I Imputation for a cell that was a nonresponse, using a method other than prior year | 323 | 7.92 | 351 | 8.61 |
| N Original data field was blank | 340 | 8.34 | 691 | 16.95 |
| P Imputation for a cell that previously was a nonresponse, using prior year data | 433 | 10.62 | 1124 | 27.58 |
| R Original data value was reported | 2952 | 72.42 | 4076 | 100.00 |

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2010

Statusflag - COLAUDH

| XCOLAUDH | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|--|-----------|---------|----------------------|--------------------|
| A Analyst adjusted a reported value | 20 | 0.49 | 20 | 0.49 |
| C Analyst corrected a cell that was blank | 15 | 0.37 | 35 | 0.86 |
| I Imputation for a cell that was a nonresponse, using a method other than prior year | 281 | 6.89 | 316 | 7.75 |
| N Original data field was blank | 334 | 8.19 | 650 | 15.95 |
| P Imputation for a cell that previously was a nonresponse, using prior year data | 391 | 9.59 | 1041 | 25.54 |
| R Original data value was reported | 3035 | 74.46 | 4076 | 100.00 |

Statusflag - COLSERH

| XCOLSERH | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|--|-----------|---------|----------------------|--------------------|
| A Analyst adjusted a reported value | 280 | 6.87 | 280 | 6.87 |
| C Analyst corrected a cell that was blank | 20 | 0.49 | 300 | 7.36 |
| I Imputation for a cell that was a nonresponse, using a method other than prior year | 251 | 6.16 | 551 | 13.52 |
| N Original data field was blank | 337 | 8.27 | 888 | 21.79 |
| P Imputation for a cell that previously was a nonresponse, using prior year data | 454 | 11.14 | 1342 | 32.92 |
| R Original data value was reported | 2734 | 67.08 | 4076 | 100.00 |

Statusflag - COLELREFH

| XCOLELREFH | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|--|-----------|---------|----------------------|--------------------|
| A Analyst adjusted a reported value | 101 | 2.48 | 101 | 2.48 |
| C Analyst corrected a cell that was blank | 18 | 0.44 | 119 | 2.92 |
| I Imputation for a cell that was a nonresponse, using a method other than prior year | 316 | 7.75 | 435 | 10.67 |
| N Original data field was blank | 339 | 8.32 | 774 | 18.99 |
| P Imputation for a cell that previously was a nonresponse, using prior year data | 480 | 11.78 | 1254 | 30.77 |
| R Original data value was reported | 2822 | 69.23 | 4076 | 100.00 |

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2010

Statusflag - ILPRET

| XILPRET | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|--|-----------|---------|----------------------|--------------------|
| A Analyst adjusted a reported value | 4 | 0.10 | 4 | 0.10 |
| C Analyst corrected a cell that was blank | 7 | 0.17 | 11 | 0.27 |
| I Imputation for a cell that was a nonresponse, using a method other than prior year | 264 | 6.48 | 275 | 6.75 |
| N Original data field was blank | 332 | 8.15 | 607 | 14.89 |
| P Imputation for a cell that previously was a nonresponse, using prior year data | 393 | 9.64 | 1000 | 24.53 |
| R Original data value was reported | 3063 | 75.15 | 4063 | 99.68 |
| Z Implied reported zero value | 13 | 0.32 | 4076 | 100.00 |

Statusflag - ILPNON

| XILPNON | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|--|-----------|---------|----------------------|--------------------|
| A Analyst adjusted a reported value | 3 | 0.07 | 3 | 0.07 |
| C Analyst corrected a cell that was blank | 8 | 0.20 | 11 | 0.27 |
| I Imputation for a cell that was a nonresponse, using a method other than prior year | 264 | 6.48 | 275 | 6.75 |
| N Original data field was blank | 332 | 8.15 | 607 | 14.89 |
| P Imputation for a cell that previously was a nonresponse, using prior year data | 394 | 9.67 | 1001 | 24.56 |
| R Original data value was reported | 2961 | 72.64 | 3962 | 97.20 |
| Z Implied reported zero value | 114 | 2.80 | 4076 | 100.00 |

Statusflag - ILPTOT

| XILPTOT | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|--|-----------|---------|----------------------|--------------------|
| A Analyst adjusted a reported value | 3 | 0.07 | 3 | 0.07 |
| C Analyst corrected a cell that was blank | 8 | 0.20 | 11 | 0.27 |
| N Original data field was blank | 332 | 8.15 | 343 | 8.42 |
| R Original data value was reported | 3107 | 76.23 | 3450 | 84.64 |
| T Total replaced with sum of detail during imputations | 626 | 15.36 | 4076 | 100.00 |

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2010

Statusflag - ILRRET

| XILRRET | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|--|-----------|---------|----------------------|--------------------|
| A Analyst adjusted a reported value | 3 | 0.07 | 3 | 0.07 |
| C Analyst corrected a cell that was blank | 8 | 0.20 | 11 | 0.27 |
| I Imputation for a cell that was a nonresponse, using a method other than prior year | 265 | 6.50 | 276 | 6.77 |
| N Original data field was blank | 332 | 8.15 | 608 | 14.92 |
| P Imputation for a cell that previously was a nonresponse, using prior year data | 389 | 9.54 | 997 | 24.46 |
| R Original data value was reported | 3067 | 75.25 | 4064 | 99.71 |
| Z Implied reported zero value | 12 | 0.29 | 4076 | 100.00 |

Statusflag - ILRNON

| XILRNON | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|--|-----------|---------|----------------------|--------------------|
| A Analyst adjusted a reported value | 3 | 0.07 | 3 | 0.07 |
| C Analyst corrected a cell that was blank | 8 | 0.20 | 11 | 0.27 |
| I Imputation for a cell that was a nonresponse, using a method other than prior year | 265 | 6.50 | 276 | 6.77 |
| N Original data field was blank | 332 | 8.15 | 608 | 14.92 |
| P Imputation for a cell that previously was a nonresponse, using prior year data | 390 | 9.57 | 998 | 24.48 |
| R Original data value was reported | 2954 | 72.47 | 3952 | 96.96 |
| Z Implied reported zero value | 124 | 3.04 | 4076 | 100.00 |

Statusflag - DOCDEL

| XDOCDEL | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|--|-----------|---------|----------------------|--------------------|
| A Analyst adjusted a reported value | 5 | 0.12 | 5 | 0.12 |
| C Analyst corrected a cell that was blank | 4 | 0.10 | 9 | 0.22 |
| I Imputation for a cell that was a nonresponse, using a method other than prior year | 264 | 6.48 | 273 | 6.70 |
| N Original data field was blank | 332 | 8.15 | 605 | 14.84 |
| P Imputation for a cell that previously was a nonresponse, using prior year data | 387 | 9.49 | 992 | 24.34 |
| R Original data value was reported | 2734 | 67.08 | 3726 | 91.41 |
| Z Implied reported zero value | 350 | 8.59 | 4076 | 100.00 |

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2010

Statusflag - ILRTOT

| XILRTOT | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|--|-----------|---------|----------------------|--------------------|
| A Analyst adjusted a reported value | 5 | 0.12 | 5 | 0.12 |
| C Analyst corrected a cell that was blank | 8 | 0.20 | 13 | 0.32 |
| N Original data field was blank | 332 | 8.15 | 345 | 8.46 |
| R Original data value was reported | 3107 | 76.23 | 3452 | 84.69 |
| T Total replaced with sum of detail during imputations | 624 | 15.31 | 4076 | 100.00 |

Statusflag - CRGEN

| XCRGEN | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|--|-----------|---------|----------------------|--------------------|
| A Analyst adjusted a reported value | 9 | 0.22 | 9 | 0.22 |
| C Analyst corrected a cell that was blank | 8 | 0.20 | 17 | 0.42 |
| I Imputation for a cell that was a nonresponse, using a method other than prior year | 241 | 5.91 | 258 | 6.33 |
| N Original data field was blank | 332 | 8.15 | 590 | 14.47 |
| P Imputation for a cell that previously was a nonresponse, using prior year data | 372 | 9.13 | 962 | 23.60 |
| R Original data value was reported | 3114 | 76.40 | 4076 | 100.00 |

Statusflag - CRRSV

| XCRRSV | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|--|-----------|---------|----------------------|--------------------|
| A Analyst adjusted a reported value | 9 | 0.22 | 9 | 0.22 |
| C Analyst corrected a cell that was blank | 7 | 0.17 | 16 | 0.39 |
| I Imputation for a cell that was a nonresponse, using a method other than prior year | 305 | 7.48 | 321 | 7.88 |
| N Original data field was blank | 332 | 8.15 | 653 | 16.02 |
| P Imputation for a cell that previously was a nonresponse, using prior year data | 441 | 10.82 | 1094 | 26.84 |
| R Original data value was reported | 2982 | 73.16 | 4076 | 100.00 |

Statusflag - PRESEN

| XPRESN | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|--|-----------|---------|----------------------|--------------------|
| A Analyst adjusted a reported value | 8 | 0.20 | 8 | 0.20 |
| C Analyst corrected a cell that was blank | 8 | 0.20 | 16 | 0.39 |
| I Imputation for a cell that was a nonresponse, using a method other than prior year | 232 | 5.69 | 248 | 6.08 |
| N Original data field was blank | 332 | 8.15 | 580 | 14.23 |
| P Imputation for a cell that previously was a nonresponse, using prior year data | 387 | 9.49 | 967 | 23.72 |
| R Original data value was reported | 3109 | 76.28 | 4076 | 100.00 |

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2010

Statusflag - ATTEND

| XATTEND | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|--|-----------|---------|----------------------|--------------------|
| A Analyst adjusted a reported value | 8 | 0.20 | 8 | 0.20 |
| C Analyst corrected a cell that was blank | 8 | 0.20 | 16 | 0.39 |
| I Imputation for a cell that was a nonresponse, using a method other than prior year | 242 | 5.94 | 258 | 6.33 |
| N Original data field was blank | 332 | 8.15 | 590 | 14.47 |
| P Imputation for a cell that previously was a nonresponse, using prior year data | 387 | 9.49 | 977 | 23.97 |
| R Original data value was reported | 3099 | 76.03 | 4076 | 100.00 |

Statusflag - REFPRES

| XREFPERS | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|--|-----------|---------|----------------------|--------------------|
| A Analyst adjusted a reported value | 47 | 1.15 | 47 | 1.15 |
| C Analyst corrected a cell that was blank | 11 | 0.27 | 58 | 1.42 |
| I Imputation for a cell that was a nonresponse, using a method other than prior year | 1134 | 27.82 | 1192 | 29.24 |
| N Original data field was blank | 339 | 8.32 | 1531 | 37.56 |
| R Original data value was reported | 2531 | 62.10 | 4062 | 99.66 |
| Z Implied reported zero value | 14 | 0.34 | 4076 | 100.00 |

Statusflag - REFVIRT

| XREFVIRT | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|--|-----------|---------|----------------------|--------------------|
| A Analyst adjusted a reported value | 37 | 0.91 | 37 | 0.91 |
| C Analyst corrected a cell that was blank | 9 | 0.22 | 46 | 1.13 |
| I Imputation for a cell that was a nonresponse, using a method other than prior year | 1115 | 27.36 | 1161 | 28.48 |
| N Original data field was blank | 339 | 8.32 | 1500 | 36.80 |
| R Original data value was reported | 2435 | 59.74 | 3935 | 96.54 |
| Z Implied reported zero value | 141 | 3.46 | 4076 | 100.00 |

Statusflag - TOTREF

| XTOTREF | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|--|-----------|---------|----------------------|--------------------|
| A Analyst adjusted a reported value | 51 | 1.25 | 51 | 1.25 |
| C Analyst corrected a cell that was blank | 14 | 0.34 | 65 | 1.59 |
| I Imputation for a cell that was a nonresponse, using a method other than prior year | 1005 | 24.66 | 1070 | 26.25 |
| N Original data field was blank | 334 | 8.19 | 1404 | 34.45 |
| R Original data value was reported | 2664 | 65.36 | 4068 | 99.80 |
| T Total replaced with sum of detail during imputations | 1 | 0.02 | 4069 | 99.83 |
| Z Implied reported zero value | 7 | 0.17 | 4076 | 100.00 |

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2010

Statusflag - CONPRES

| XCONPERS | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|--|-----------|---------|----------------------|--------------------|
| A Analyst adjusted a reported value | 33 | 0.81 | 33 | 0.81 |
| C Analyst corrected a cell that was blank | 9 | 0.22 | 42 | 1.03 |
| I Imputation for a cell that was a nonresponse, using a method other than prior year | 1084 | 26.59 | 1126 | 27.63 |
| N Original data field was blank | 338 | 8.29 | 1464 | 35.92 |
| R Original data value was reported | 2424 | 59.47 | 3888 | 95.39 |
| Z Implied reported zero value | 188 | 4.61 | 4076 | 100.00 |

Statusflag - CONVIRT

| XCONVIRT | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|--|-----------|---------|----------------------|--------------------|
| A Analyst adjusted a reported value | 22 | 0.54 | 22 | 0.54 |
| C Analyst corrected a cell that was blank | 9 | 0.22 | 31 | 0.76 |
| I Imputation for a cell that was a nonresponse, using a method other than prior year | 1049 | 25.74 | 1080 | 26.50 |
| N Original data field was blank | 338 | 8.29 | 1418 | 34.79 |
| R Original data value was reported | 2280 | 55.94 | 3698 | 90.73 |
| Z Implied reported zero value | 378 | 9.27 | 4076 | 100.00 |

Statusflag - TOTCON

| XTOTCON | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|--|-----------|---------|----------------------|--------------------|
| A Analyst adjusted a reported value | 36 | 0.88 | 36 | 0.88 |
| C Analyst corrected a cell that was blank | 13 | 0.32 | 49 | 1.20 |
| I Imputation for a cell that was a nonresponse, using a method other than prior year | 999 | 24.51 | 1048 | 25.71 |
| N Original data field was blank | 334 | 8.19 | 1382 | 33.91 |
| R Original data value was reported | 2528 | 62.02 | 3910 | 95.93 |
| Z Implied reported zero value | 166 | 4.07 | 4076 | 100.00 |

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2010

Statusflag - TOTSERIN

| XTOTSERIN | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|--|-----------|---------|----------------------|--------------------|
| A Analyst adjusted a reported value | 83 | 2.04 | 83 | 2.04 |
| C Analyst corrected a cell that was blank | 57 | 1.40 | 140 | 3.43 |
| I Imputation for a cell that was a nonresponse, using a method other than prior year | 240 | 5.89 | 380 | 9.32 |
| N Original data field was blank | 334 | 8.19 | 714 | 17.52 |
| P Imputation for a cell that previously was a nonresponse, using prior year data | 568 | 13.94 | 1282 | 31.45 |
| R Original data value was reported | 2763 | 67.79 | 4045 | 99.24 |
| T Total replaced with sum of detail during imputations | 31 | 0.76 | 4076 | 100.00 |

Statusflag - HOURS

| XHOURS | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|--|-----------|---------|----------------------|--------------------|
| A Analyst adjusted a reported value | 7 | 0.17 | 7 | 0.17 |
| C Analyst corrected a cell that was blank | 7 | 0.17 | 14 | 0.34 |
| I Imputation for a cell that was a nonresponse, using a method other than prior year | 64 | 1.57 | 78 | 1.91 |
| N Original data field was blank | 331 | 8.12 | 409 | 10.03 |
| P Imputation for a cell that previously was a nonresponse, using prior year data | 523 | 12.83 | 932 | 22.87 |
| R Original data value was reported | 3144 | 77.13 | 4076 | 100.00 |

Statusflag - GATECT

| XGATECT | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|--|-----------|---------|----------------------|--------------------|
| A Analyst adjusted a reported value | 15 | 0.37 | 15 | 0.37 |
| C Analyst corrected a cell that was blank | 8 | 0.20 | 23 | 0.56 |
| I Imputation for a cell that was a nonresponse, using a method other than prior year | 289 | 7.09 | 312 | 7.65 |
| N Original data field was blank | 335 | 8.22 | 647 | 15.87 |
| P Imputation for a cell that previously was a nonresponse, using prior year data | 421 | 10.33 | 1068 | 26.20 |
| R Original data value was reported | 2991 | 73.38 | 4059 | 99.58 |
| S Not applicable, not imputed | 17 | 0.42 | 4076 | 100.00 |

Statusflag - DOCDIGYN

| XDOCDIGYN | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|---|-----------|---------|----------------------|--------------------|
| A Analyst adjusted a reported value | 1 | 0.02 | 1 | 0.02 |
| C Analyst corrected a cell that was blank | 6 | 0.15 | 7 | 0.17 |
| N Original data field was blank | 906 | 22.23 | 913 | 22.40 |
| R Original data value was reported | 3163 | 77.60 | 4076 | 100.00 |

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2010

Documents Digitized by the Library Staff

| DOCDIGYN | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|---------------|-----------|---------|----------------------|--------------------|
| 1 Yes | 1534 | 37.63 | 1534 | 37.63 |
| 2 No | 1636 | 40.14 | 3170 | 77.77 |
| N No response | 906 | 22.23 | 4076 | 100.00 |

Statusflag - LIBREFYN

| XLIBREFYN | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|---|-----------|---------|----------------------|--------------------|
| C Analyst corrected a cell that was blank | 5 | 0.12 | 5 | 0.12 |
| N Original data field was blank | 906 | 22.23 | 911 | 22.35 |
| R Original data value was reported | 3165 | 77.65 | 4076 | 100.00 |

Library Reference Service by E-mail or the Web

| LIBREFYN | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|---------------|-----------|---------|----------------------|--------------------|
| 1 Yes | 2850 | 69.92 | 2850 | 69.92 |
| 2 No | 320 | 7.85 | 3170 | 77.77 |
| N No response | 906 | 22.23 | 4076 | 100.00 |

Statusflag - TECHYN

| XTECHYN | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|---|-----------|---------|----------------------|--------------------|
| A Analyst adjusted a reported value | 1 | 0.02 | 1 | 0.02 |
| C Analyst corrected a cell that was blank | 7 | 0.17 | 8 | 0.20 |
| N Original data field was blank | 907 | 22.25 | 915 | 22.45 |
| R Original data value was reported | 3161 | 77.55 | 4076 | 100.00 |

Technology to Assist Patrons with Disabilities (e.g., TDD, Specially Equipped Work Stations)

| TECHYN | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|---------------|-----------|---------|----------------------|--------------------|
| 1 Yes | 2030 | 49.80 | 2030 | 49.80 |
| 2 No | 1139 | 27.94 | 3169 | 77.75 |
| N No response | 907 | 22.25 | 4076 | 100.00 |

Statusflag - THESYN

| XTHESYN | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|---|-----------|---------|----------------------|--------------------|
| C Analyst corrected a cell that was blank | 6 | 0.15 | 6 | 0.15 |
| N Original data field was blank | 906 | 22.23 | 912 | 22.37 |
| R Original data value was reported | 3164 | 77.63 | 4076 | 100.00 |

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2010

Electronic Theses and Dissertations Produced by Your Students

| THESYN | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|---------------|-----------|---------|----------------------|--------------------|
| 1 Yes | 635 | 15.58 | 635 | 15.58 |
| 2 No | 2535 | 62.19 | 3170 | 77.77 |
| N No response | 906 | 22.23 | 4076 | 100.00 |

Statusflag - INFLITDEFYN

| XINFLITDEFYN | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|---|-----------|---------|----------------------|--------------------|
| A Analyst adjusted a reported value | 2 | 0.05 | 2 | 0.05 |
| C Analyst corrected a cell that was blank | 9 | 0.22 | 11 | 0.27 |
| N Original data field was blank | 927 | 22.74 | 938 | 23.01 |
| R Original data value was reported | 3138 | 76.99 | 4076 | 100.00 |

Definition of Information Literacy or of an Information Literate Student

| INFLITDEFYN | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|---------------|-----------|---------|----------------------|--------------------|
| 1 Yes | 1901 | 46.64 | 1901 | 46.64 |
| 2 No | 1248 | 30.62 | 3149 | 77.26 |
| N Nonresponse | 927 | 22.74 | 4076 | 100.00 |

Statusflag - INFLITMISYN

| XINFLITMISYN | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|---|-----------|---------|----------------------|--------------------|
| A Analyst adjusted a reported value | 2 | 0.05 | 2 | 0.05 |
| C Analyst corrected a cell that was blank | 9 | 0.22 | 11 | 0.27 |
| N Original data field was blank | 929 | 22.79 | 940 | 23.06 |
| R Original data value was reported | 3136 | 76.94 | 4076 | 100.00 |

Incorporated Information Literacy in the Institution's Mission

| INFLITMISYN | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|---------------|-----------|---------|----------------------|--------------------|
| 1 Yes | 1239 | 30.40 | 1239 | 30.40 |
| 2 No | 1908 | 46.81 | 3147 | 77.21 |
| N Nonresponse | 929 | 22.79 | 4076 | 100.00 |

Statusflag - INFLITPLNYN

| XINFLITPLNYN | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|---|-----------|---------|----------------------|--------------------|
| A Analyst adjusted a reported value | 2 | 0.05 | 2 | 0.05 |
| C Analyst corrected a cell that was blank | 9 | 0.22 | 11 | 0.27 |
| N Original data field was blank | 926 | 22.72 | 937 | 22.99 |
| R Original data value was reported | 3139 | 77.01 | 4076 | 100.00 |

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2010

Incorporated Information Literacy in the Institution's Strategic Plan

| INFLITPLNYN | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|---------------|-----------|---------|----------------------|--------------------|
| 1 Yes | 1236 | 30.32 | 1236 | 30.32 |
| 2 No | 1914 | 46.96 | 3150 | 77.28 |
| N Nonresponse | 926 | 22.72 | 4076 | 100.00 |

Statusflag - INFLITCOMYN

| XINFLITCOMYN | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|---|-----------|---------|----------------------|--------------------|
| C Analyst corrected a cell that was blank | 5 | 0.12 | 5 | 0.12 |
| N Original data field was blank | 928 | 22.77 | 933 | 22.89 |
| R Original data value was reported | 1229 | 30.15 | 2162 | 53.04 |
| S Not applicable, not imputed | 1914 | 46.96 | 4076 | 100.00 |

Campus-Wide Committee to Implement the Strategic Plan for Information Literacy

| INFLITCOMYN | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|------------------|-----------|---------|----------------------|--------------------|
| 1 Yes | 757 | 18.57 | 757 | 18.57 |
| 2 No | 477 | 11.70 | 1234 | 30.27 |
| N Nonresponse | 928 | 22.77 | 2162 | 53.04 |
| S Not applicable | 1914 | 46.96 | 4076 | 100.00 |

Statusflag - INFLITLIBYN

| XINFLITLIBYN | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|---|-----------|---------|----------------------|--------------------|
| C Analyst corrected a cell that was blank | 5 | 0.12 | 5 | 0.12 |
| N Original data field was blank | 930 | 22.82 | 935 | 22.94 |
| R Original data value was reported | 1227 | 30.10 | 2162 | 53.04 |
| S Not applicable, not imputed | 1914 | 46.96 | 4076 | 100.00 |

The Strategic Plan Formally Recognizes the Library's Role in Information Literacy Instruction

| INFLITLIBYN | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|------------------|-----------|---------|----------------------|--------------------|
| 1 Yes | 976 | 23.95 | 976 | 23.95 |
| 2 No | 256 | 6.28 | 1232 | 30.23 |
| N Nonresponse | 930 | 22.82 | 2162 | 53.04 |
| S Not applicable | 1914 | 46.96 | 4076 | 100.00 |

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2010

Statusflag - SUPPVIRTYN

| SUPPVIRTYN | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|---|-----------|---------|----------------------|--------------------|
| A Analyst adjusted a reported value | 35 | 0.86 | 35 | 0.86 |
| C Analyst corrected a cell that was blank | 7 | 0.17 | 42 | 1.03 |
| N Original data field was blank | 912 | 22.37 | 954 | 23.41 |
| R Original data value was reported | 3122 | 76.59 | 4076 | 100.00 |

Library Supports Virtual Reference Services

| SUPPVIRTYN | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|---------------|-----------|---------|----------------------|--------------------|
| 1 Yes | 2689 | 65.97 | 2689 | 65.97 |
| 2 No | 475 | 11.65 | 3164 | 77.63 |
| N No response | 912 | 22.37 | 4076 | 100.00 |

Statusflag - EMAILREFYN

| EMAILREFYN | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|---|-----------|---------|----------------------|--------------------|
| A Analyst adjusted a reported value | 1 | 0.02 | 1 | 0.02 |
| C Analyst corrected a cell that was blank | 23 | 0.56 | 24 | 0.59 |
| N Original data field was blank | 922 | 22.62 | 946 | 23.21 |
| R Original data value was reported | 2655 | 65.14 | 3601 | 88.35 |
| S Not applicable, not imputed | 475 | 11.65 | 4076 | 100.00 |

Library Utilizes E-mail Reference

| EMAILREFYN | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|------------------|-----------|---------|----------------------|--------------------|
| 1 Yes | 2596 | 63.69 | 2596 | 63.69 |
| 2 No | 83 | 2.04 | 2679 | 65.73 |
| N No response | 922 | 22.62 | 3601 | 88.35 |
| S Not applicable | 475 | 11.65 | 4076 | 100.00 |

Statusflag - COMSERYN

| COMSERYN | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|---|-----------|---------|----------------------|--------------------|
| A Analyst adjusted a reported value | 1 | 0.02 | 1 | 0.02 |
| C Analyst corrected a cell that was blank | 21 | 0.52 | 22 | 0.54 |
| N Original data field was blank | 928 | 22.77 | 950 | 23.31 |
| R Original data value was reported | 2651 | 65.04 | 3601 | 88.35 |
| S Not applicable, not imputed | 475 | 11.65 | 4076 | 100.00 |

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2010

Library Utilizes Chat Reference, Commercial Service (e.g. QuestionPoint, Tutor.com)

| COMSERYN | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|------------------|-----------|---------|----------------------|--------------------|
| 1 Yes | 769 | 18.87 | 769 | 18.87 |
| 2 No | 1904 | 46.71 | 2673 | 65.58 |
| N No response | 928 | 22.77 | 3601 | 88.35 |
| S Not applicable | 475 | 11.65 | 4076 | 100.00 |

Statusflag - INSTMESYN

| XINSTMESYN | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|---|-----------|---------|----------------------|--------------------|
| C Analyst corrected a cell that was blank | 21 | 0.52 | 21 | 0.52 |
| N Original data field was blank | 929 | 22.79 | 950 | 23.31 |
| R Original data value was reported | 2651 | 65.04 | 3601 | 88.35 |
| S Not applicable, not imputed | 475 | 11.65 | 4076 | 100.00 |

Library Utilizes Chat Reference, Instant Messaging Applications (e.g. Meebo)

| INSTMESYN | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|------------------|-----------|---------|----------------------|--------------------|
| 1 Yes | 1195 | 29.32 | 1195 | 29.32 |
| 2 No | 1477 | 36.24 | 2672 | 65.55 |
| N No response | 929 | 22.79 | 3601 | 88.35 |
| S Not applicable | 475 | 11.65 | 4076 | 100.00 |

Statusflag - SORTMESYN

| XSORTMESYN | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|---|-----------|---------|----------------------|--------------------|
| A Analyst adjusted a reported value | 1 | 0.02 | 1 | 0.02 |
| C Analyst corrected a cell that was blank | 21 | 0.52 | 22 | 0.54 |
| N Original data field was blank | 929 | 22.79 | 951 | 23.33 |
| R Original data value was reported | 2650 | 65.01 | 3601 | 88.35 |
| S Not applicable, not imputed | 475 | 11.65 | 4076 | 100.00 |

Library Utilizes Short Message Service (SMS) or Text Messaging

| SORTMESYN | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|------------------|-----------|---------|----------------------|--------------------|
| 1 Yes | 592 | 14.52 | 592 | 14.52 |
| 2 No | 2080 | 51.03 | 2672 | 65.55 |
| N No response | 929 | 22.79 | 3601 | 88.35 |
| S Not applicable | 475 | 11.65 | 4076 | 100.00 |

Appendix E

Crosswalk of Data Items/Variables between 2008 and 2010 Academic Library Survey

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**Appendix E—Crosswalk of Data Items/Variables between the 2008 and 2010
Academic Libraries Surveys**

| Item | 2010 | | 2008 | |
|---|----------|----------|-------------|----------|
| | Variable | Item No. | Variable | Item No. |
| Library expenditures | ELGEXP | a. | New in 2010 | |
| Organized collection | ELGCOLL | b. | ELGCOLL | a. |
| Trained staff | ELGSTAFF | c. | ELGSTAFF | b. |
| Established schedule | ELGSCHED | d. | ELGSCHED | c. |
| Physical facilities | ELGPHYS | e. | ELGPHYS | d. |
| Outlets, FY 2010 | | | | |
| Branch and independent libraries | BRANCHES | 100 | BRANCHES | 100 |
| Library Staff, Fall 2010 | | | | |
| Librarians – Col 1 | STLIBS | 200 | STLIBS | 200 |
| Other professional staff – Col 1 | STOTHPRO | 201 | STOTHPRO | 201 |
| Total librarians and other pro staff – Col 1 | STLIBPRO | 202 | STLIBPRO | 202 |
| All other paid staff – Col 1 | STOTH | 203 | STOTH | 203 |
| Student assistants – Col 1 | STASST | 204 | STASST | 204 |
| Total full-time equivalent staff – Col 1 | STTOT | 205 | STTOT | 205 |
| Salaries and Wages, FY 2010 | | | | |
| Total librarians and other pro staff – Col 2 | SWLIBPRO | 202 | SWLIBPRO | 202 |
| All other paid staff – Col 2 | SWOTH | 203 | SWOTH | 203 |
| Student assistants – Col 2 | SWASST | 204 | SWASST | 204 |
| Total full-time equivalent staff – Col 2 | SWTOT | 205 | SWTOT | 205 |
| | | | | |
| Fringe benefits – Y/N | FRINGEYN | 206 | FRINGEYN | 206 |
| Amount of fringe benefits | FRINGE | 207 | FRINGE | 207 |
| Library Expenditures, FY 2010 | | | | |
| Total salaries and wages | SWTOT | 205 | SWTOT | 205 |
| Books, serial backfiles and other | EXBKS | 300 | EXBKS | 300 |
| Electronic | EXELBKS | 301 | EXELBKS | 301 |
| Audiovisual | EXAUD | 302 | EXAUD | 302 |
| Current serial subscriptions | EXCUSER | 303 | EXCUSER | 303 |
| Electronic serials | EXELSER | 304 | EXELSER | 304 |
| Document delivery/interlibrary loan | EXDEL | 305 | EXDEL | 305 |
| Preservation | EXPRES | 306 | EXPRES | 306 |
| Other expenditures for info resources | EXOTHIR | 307 | EXOTHIR | 307 |
| Computer hardware and software | EXCOMP | 308 | EXCOMP | 308 |
| Bibliographic utilities, networks and consortia | EXBIB | 309 | EXBIB | 309 |
| All other operating expenditures | EXOTH | 310 | EXOTH | 310 |
| Total expenditures | EXTOT | 311 | EXTOT | 311 |
| Library Collections, FY 2010 | | | | |
| Books, serial backfiles and other – added | COLBKSA | 400 | COLBKSA | 400 |
| Books, serial backfiles and other – held | COLBKSH | 400 | COLBKSH | 400 |
| E-Books – added | COLEBKSA | 401 | COLEBKSA | 401 |
| E-Books – held | COLEBKSH | 401 | COLEBKSH | 401 |
| Microforms – added | COLMICRA | 402 | COLMICRA | 402 |
| Microforms – held | COLMICRH | 402 | COLMICRH | 402 |
| Audiovisual materials – added | COLAUDA | 403 | COLAUDA | 403 |
| Audiovisual materials – held | COLAUDH | 403 | COLAUDH | 403 |
| Current serial subscriptions – added | COLSERA | 404 | COLSERA | 404 |

**Appendix E—Crosswalk of Data Items/Variables between the 2008 and 2010
Academic Libraries Surveys**

| Item | 2010 | | 2008 | |
|---|-----------------------------------|----------|-----------------------------|----------|
| | Variable | Item No. | Variable | Item No. |
| Current serial subscriptions – held | COLSERH | 404 | COLSERH | 404 |
| Electronic reference – added | COLELREFA | 405 | COLELREFA | 405 |
| Electronic reference – held | COLELREFH | 405 | COLELREFH | 405 |
| Library collection entirely electronic – Y/N | COLELYN | 406 | COLELYN | 406 |
| Library Services, FY 2010 | | | | |
| Loans provided – Returnable | ILPRET | 500 | ILPRET | 500 |
| Loans provided – Non-returnable | ILPNON | 501 | ILPNON | 501 |
| Total provided | ILPTOT | 502 | ILPTOT | 502 |
| Loans received – Returnable | ILRRET | 503 | ILRRET | 503 |
| Loans received – Non-returnable | ILRNON | 504 | ILRNON | 504 |
| Documents received | DOCDEL | 505 | DOCDEL | 505 |
| Total received | ILRTOT | 506 | ILRTOT | 506 |
| General circulation | CRGEN | 507 | CRGEN | 507 |
| Reserve circulation | CRRSV | 508 | CRRSV | 508 |
| Library Services cont., FY 2010 | | | | |
| Presentations | PRESEN | 509 | New in 2010 | |
| Total attendance | ATTEND | 510 | New in 2010 | |
| Reference (under 20 minutes) – In-person | REFPERS | 511 | New in 2010 | |
| Reference (under 20 minutes) – Virtual | REFVIRT | 512 | New in 2010 | |
| Total reference | TOTREF | 513 | New in 2010 | |
| Consultations (20 minutes or more) – In-person | CONPERS | 514 | New in 2010 | |
| Consultations (20 minutes or more) – Virtual | CONVIRT | 515 | New in 2010 | |
| Total consultations | TOTCON | 516 | New in 2010 | |
| Total information services | TOTSERIN | 517 | REFTRANS (weekly figure) | 602 |
| Library Services, Typical Week, Fall 2010 | | | | |
| Hours open | HOURS | 600 | HOURS | 600 |
| Gate count | GATECT | 601 | GATECT | 601 |
| Reference transactions | Moved to 517 and annual figure | | REFTRANS | 602 |
| Electronic Services, FY 2010 | | | | |
| Documents digitized – Y/N | DOCDIGYN | 700 | DOCDIGYN | 700 |
| Library reference – Y/N | LIBREFYN | 701 | LIBREFYN | 701 |
| Disabled patrons – Y/N | TECHYN | 702 | TECHYN | 702 |
| Electronic theses and dissertations – Y/N | THESYN | 703 | THESYN | 703 |
| Information Literacy, FY 2010 | | | | |
| Definition of information literacy – Y/N | INFLITDEFYN | 800 | INFLITDEFYN | 800 |
| Incorporated info literacy in mission – Y/N | INFLITMISYN | 801 | INFLITMISYN | 801 |
| Incorporated info literacy in plan – Y/N | INFLITPLNYN | 802 | INFLITPLNYN | 802 |
| Committee to implement plan – Y/N | INFLITCOMYN | 803 | INFLITCOMYN | 803 |
| Plan has formal library role – Y/N | INFLITLIBYN | 804 | INFLITLIBYN | 804 |
| Virtual Reference, FY 2010 | | | | |
| Library support virtual reference services –Y/N | SUPPVIRTYN | 900 | New in 2010 | |
| E-mail reference–Y/N | EMAILREFYN | 901 | New in 2010 | |
| Chat reference, commercial service–Y/N | COMSERYN | 902 | New in 2010 | |
| Chat reference, instant messaging application–Y/N | INSTMESYN | 903 | New in 2010 | |
| Short Message Service (SMS) or text messaging–Y/N | SORTMESYN | 904 | New in 2010 | |

Appendix F
2010 Response Rate Tables

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Appendix F—ALS 2010 Response Rate Tables

Table F-1. Number and percentage of responding academic libraries, by level, control of institution, and item: 2010

| | Total post-secondary degree granting institutions | | 4-year institutions | | | | | | | | Less than 4-year | | Public | | Private | |
|--|---|-------|---------------------------|---------|-------------------------|---------|-------------------|---------|-------------------|---------|-------------------|---------|-------------------|---------|-------------------|---------|
| | | | Total 4-year institutions | | Highest level of degree | | | | | | Total res-ponding | Percent | Total res-ponding | Percent | Total res-ponding | Percent |
| | | | | | Doctor's | | Master's | | Bachelor's | | | | | | | |
| | | | Total res-ponding | Percent | Total res-ponding | Percent | Total res-ponding | Percent | Total res-ponding | Percent | | | | | | |
| All institutions | 3,689 | 100.0 | 2,363 | 100.0 | 821 | 100.0 | 833 | 100.0 | 709 | 100.0 | 1,326 | 100.0 | 1,559 | 100.0 | 2,130 | 100.0 |
| Responding libraries | 3,177 | 86.1 | 2,057 | 87.1 | 757 | 92.2 | 758 | 91.0 | 542 | 76.4 | 1,120 | 84.5 | 1,483 | 95.1 | 1,694 | 79.5 |
| Library staff | | | | | | | | | | | | | | | | |
| Number of FTEs | | | | | | | | | | | | | | | | |
| Librarians | 3,126 | 84.7 | 2,028 | 85.8 | 745 | 90.7 | 747 | 89.7 | 536 | 75.6 | 1,098 | 82.8 | 1,474 | 94.5 | 1,652 | 77.6 |
| Other professional staff | 3,128 | 84.8 | 2,028 | 85.8 | 745 | 90.7 | 748 | 89.8 | 535 | 75.5 | 1,100 | 83.0 | 1,475 | 94.6 | 1,653 | 77.6 |
| Total librarians and other professional staff | 3,128 | 84.8 | 2,030 | 85.9 | 748 | 91.1 | 747 | 89.7 | 535 | 75.5 | 1,098 | 82.8 | 1,476 | 94.7 | 1,652 | 77.6 |
| All other paid staff | 3,124 | 84.7 | 2,028 | 85.8 | 747 | 91.0 | 747 | 89.7 | 534 | 75.3 | 1,096 | 82.7 | 1,473 | 94.5 | 1,651 | 77.5 |
| Student assistants | 3,099 | 84.0 | 2,015 | 85.3 | 741 | 90.3 | 744 | 89.3 | 530 | 74.8 | 1,084 | 81.7 | 1,461 | 93.7 | 1,638 | 76.9 |
| Total FTE staff | 3,097 | 84.0 | 2,013 | 85.2 | 740 | 90.1 | 744 | 89.3 | 529 | 74.6 | 1,084 | 81.7 | 1,462 | 93.8 | 1,635 | 76.8 |
| Salaries and Wages | | | | | | | | | | | | | | | | |
| Total librarians and other professional staff | 2,971 | 80.5 | 1,936 | 81.9 | 729 | 88.8 | 712 | 85.5 | 495 | 69.8 | 1,035 | 78.1 | 1,437 | 92.2 | 1,534 | 72.0 |
| All other paid staff | 3,046 | 82.6 | 1,971 | 83.4 | 731 | 89.0 | 724 | 86.9 | 516 | 72.8 | 1,075 | 81.1 | 1,454 | 93.3 | 1,592 | 74.7 |
| Student assistants | 2,946 | 79.9 | 1,923 | 81.4 | 722 | 87.9 | 711 | 85.4 | 490 | 69.1 | 1,023 | 77.1 | 1,415 | 90.8 | 1,531 | 71.9 |
| Total salaries and wages | 2,895 | 78.5 | 1,897 | 80.3 | 719 | 87.6 | 701 | 84.2 | 477 | 67.3 | 998 | 75.3 | 1,408 | 90.3 | 1,487 | 69.8 |
| Employee fringe benefits | 3,095 | 83.9 | 2,008 | 85.0 | 737 | 89.8 | 744 | 89.3 | 527 | 74.3 | 1,087 | 82.0 | 1,467 | 94.1 | 1,628 | 76.4 |
| Library expenditures | | | | | | | | | | | | | | | | |
| Total salaries and wages | 2,895 | 78.5 | 1,897 | 80.3 | 719 | 87.6 | 701 | 84.2 | 477 | 67.3 | 998 | 75.3 | 1,408 | 90.3 | 1,487 | 69.8 |
| Information resources: | | | | | | | | | | | | | | | | |
| Books, serial backfiles, and other materials | | | | | | | | | | | | | | | | |
| Electronic | 3,026 | 82.0 | 1,967 | 83.2 | 734 | 89.4 | 728 | 87.4 | 505 | 71.2 | 1,059 | 79.9 | 1,451 | 93.1 | 1,575 | 73.9 |
| Audiovisual | 2,700 | 73.2 | 1,757 | 74.4 | 671 | 81.7 | 641 | 77.0 | 445 | 62.8 | 943 | 71.1 | 1,335 | 85.6 | 1,365 | 64.1 |
| Current serials | 2,824 | 76.6 | 1,823 | 77.1 | 658 | 80.1 | 692 | 83.1 | 473 | 66.7 | 1,001 | 75.5 | 1,369 | 87.8 | 1,455 | 68.3 |
| Electronic serials | 3,028 | 82.1 | 1,974 | 83.5 | 736 | 89.6 | 734 | 88.1 | 504 | 71.1 | 1,054 | 79.5 | 1,451 | 93.1 | 1,577 | 74.0 |
| Other information resources: | 2,778 | 75.3 | 1,817 | 76.9 | 686 | 83.6 | 685 | 82.2 | 446 | 62.9 | 961 | 72.5 | 1,360 | 87.2 | 1,418 | 66.6 |
| Document delivery/interlibrary loan | 3,027 | 82.1 | 1,972 | 83.5 | 737 | 89.8 | 730 | 87.6 | 505 | 71.2 | 1,055 | 79.6 | 1,445 | 92.7 | 1,582 | 74.3 |
| Preservation | 3,026 | 82.0 | 1,969 | 83.3 | 735 | 89.5 | 731 | 87.8 | 503 | 70.9 | 1,057 | 79.7 | 1,444 | 92.6 | 1,582 | 74.3 |
| Other expenditures for information resources | 3,013 | 81.7 | 1,963 | 83.1 | 734 | 89.4 | 730 | 87.6 | 499 | 70.4 | 1,050 | 79.2 | 1,442 | 92.5 | 1,571 | 73.8 |
| Operating expenditures | | | | | | | | | | | | | | | | |
| Computer hardware and software | 3,024 | 82.0 | 1,969 | 83.3 | 736 | 89.6 | 730 | 87.6 | 503 | 70.9 | 1,055 | 79.6 | 1,447 | 92.8 | 1,577 | 74.0 |
| Bibliographic utilities, networks, and consortia | 3,029 | 82.1 | 1,978 | 83.7 | 739 | 90.0 | 733 | 88.0 | 506 | 71.4 | 1,051 | 79.3 | 1,447 | 92.8 | 1,582 | 74.3 |
| All other operating expenditures | 3,013 | 81.7 | 1,967 | 83.2 | 737 | 89.8 | 727 | 87.3 | 503 | 70.9 | 1,046 | 78.9 | 1,447 | 92.8 | 1,566 | 73.5 |
| Total expenditures | 2,853 | 77.3 | 1,869 | 79.1 | 708 | 86.2 | 692 | 83.1 | 469 | 66.1 | 984 | 74.2 | 1,392 | 89.3 | 1,461 | 68.6 |

See notes at end of table.

Appendix F—ALS 2010 Response Rate Tables

Table F-1. Number and percentage of responding academic libraries, by level, control of institution, and item: 2010—Continued

| | Total post- secondary degree granting institutions | | 4-year institutions | | | | | | | | Less than 4-year | | Public | | Private | |
|--|---|------|------------------------------|---------|-------------------------|---------|-----------------|---------|-----------------|---------|------------------|---------|-----------------|---------|-----------------|---------|
| | | | Total 4-year institutions | | Highest level of degree | | | | | | | | | | | |
| | | | | | Doctor's | | Master's | | Bachelor's | | | | | | | |
| | | | Total | | Total | | Total | | Total | | Total | | Total | | Total | |
| | | | res- ponding | Percent | res- ponding | Percent | res- ponding | Percent | res- ponding | Percent | res- ponding | Percent | res- ponding | Percent | res- ponding | Percent |
| Library collections | | | | | | | | | | | | | | | | |
| Library collection entirely electronic | 3,147 | 85.3 | 2,046 | 86.6 | 755 | 92.0 | 755 | 90.6 | 536 | 75.6 | 1,101 | 83.0 | 1,463 | 93.8 | 1,684 | 79.1 |
| Books, serial backfiles, and other paper materials, added | 3,038 | 82.4 | 1,990 | 84.2 | 736 | 89.6 | 736 | 88.4 | 518 | 73.1 | 1,048 | 79.0 | 1,431 | 91.8 | 1,607 | 75.4 |
| Books, serial backfiles, and other paper materials, EOFY | 3,071 | 83.2 | 2,012 | 85.1 | 745 | 90.7 | 744 | 89.3 | 523 | 73.8 | 1,059 | 79.9 | 1,441 | 92.4 | 1,630 | 76.5 |
| E-Books, added | 2,909 | 78.9 | 1,913 | 81.0 | 702 | 85.5 | 717 | 86.1 | 494 | 69.7 | 996 | 75.1 | 1,376 | 88.3 | 1,533 | 72.0 |
| E-Books, EOFY | 2,945 | 79.8 | 1,945 | 82.3 | 719 | 87.6 | 723 | 86.8 | 503 | 70.9 | 1,000 | 75.4 | 1,397 | 89.6 | 1,548 | 72.7 |
| Microforms, added | 2,911 | 78.9 | 1,920 | 81.3 | 710 | 86.5 | 713 | 85.6 | 497 | 70.1 | 991 | 74.7 | 1,379 | 88.5 | 1,532 | 71.9 |
| Microforms, EOFY | 2,933 | 79.5 | 1,941 | 82.1 | 718 | 87.5 | 720 | 86.4 | 503 | 70.9 | 992 | 74.8 | 1,400 | 89.8 | 1,533 | 72.0 |
| Audiovisual materials, added | 2,979 | 80.8 | 1,951 | 82.6 | 716 | 87.2 | 727 | 87.3 | 508 | 71.7 | 1,028 | 77.5 | 1,411 | 90.5 | 1,568 | 73.6 |
| Audiovisual materials, EOFY | 3,017 | 81.8 | 1,983 | 83.9 | 734 | 89.4 | 735 | 88.2 | 514 | 72.5 | 1,034 | 78.0 | 1,421 | 91.1 | 1,596 | 74.9 |
| Current serial subscriptions, added | 2,921 | 79.2 | 1,895 | 80.2 | 693 | 84.4 | 701 | 84.2 | 501 | 70.7 | 1,026 | 77.4 | 1,385 | 88.8 | 1,536 | 72.1 |
| Current serial subscriptions, EOFY | 2,984 | 80.9 | 1,954 | 82.7 | 720 | 87.7 | 720 | 86.4 | 514 | 72.5 | 1,030 | 77.7 | 1,403 | 90.0 | 1,581 | 74.2 |
| Electronic reference sources, added | 2,793 | 75.7 | 1,825 | 77.2 | 663 | 80.8 | 686 | 82.4 | 476 | 67.1 | 968 | 73.0 | 1,330 | 85.3 | 1,463 | 68.7 |
| Electronic reference sources, EOFY | 2,893 | 78.4 | 1,885 | 79.8 | 690 | 84.0 | 703 | 84.4 | 492 | 69.4 | 1,008 | 76.0 | 1,365 | 87.6 | 1,528 | 71.7 |
| Library services | | | | | | | | | | | | | | | | |
| Interlibrary loans provided | | | | | | | | | | | | | | | | |
| Returnable | 3,032 | 82.2 | 1,978 | 83.7 | 723 | 88.1 | 736 | 88.4 | 519 | 73.2 | 1,054 | 79.5 | 1,431 | 91.8 | 1,601 | 75.2 |
| Non-returnable | 3,031 | 82.2 | 1,978 | 83.7 | 723 | 88.1 | 736 | 88.4 | 519 | 73.2 | 1,053 | 79.4 | 1,431 | 91.8 | 1,600 | 75.1 |
| Total provided | 3,063 | 83.0 | 2,004 | 84.8 | 744 | 90.6 | 738 | 88.6 | 522 | 73.6 | 1,059 | 79.9 | 1,444 | 92.6 | 1,619 | 76.0 |
| Interlibrary loans received | | | | | | | | | | | | | | | | |
| Returnable | 3,035 | 82.3 | 1,980 | 83.8 | 723 | 88.1 | 736 | 88.4 | 521 | 73.5 | 1,055 | 79.6 | 1,431 | 91.8 | 1,604 | 75.3 |
| Non-returnable | 3,034 | 82.2 | 1,979 | 83.7 | 722 | 87.9 | 736 | 88.4 | 521 | 73.5 | 1,055 | 79.6 | 1,431 | 91.8 | 1,603 | 75.3 |
| Documents delivered from | | | | | | | | | | | | | | | | |
| commercial services | 3,038 | 82.4 | 1,984 | 84.0 | 726 | 88.4 | 736 | 88.4 | 522 | 73.6 | 1,054 | 79.5 | 1,430 | 91.7 | 1,608 | 75.5 |
| Total received | 3,065 | 83.1 | 2,006 | 84.9 | 744 | 90.6 | 738 | 88.6 | 524 | 73.9 | 1,059 | 79.9 | 1,443 | 92.6 | 1,622 | 76.2 |
| General circulation transactions | 3,076 | 83.4 | 2,007 | 84.9 | 743 | 90.5 | 741 | 89.0 | 523 | 73.8 | 1,069 | 80.6 | 1,449 | 92.9 | 1,627 | 76.4 |
| Reserve circulation transactions | 2,943 | 79.8 | 1,924 | 81.4 | 707 | 86.1 | 720 | 86.4 | 497 | 70.1 | 1,019 | 76.8 | 1,407 | 90.3 | 1,536 | 72.1 |
| Number of presentations | 3,070 | 83.2 | 2,005 | 84.8 | 740 | 90.1 | 743 | 89.2 | 522 | 73.6 | 1,065 | 80.3 | 1,447 | 92.8 | 1,623 | 76.2 |
| Total attendance at all presentations | 3,060 | 82.9 | 1,998 | 84.6 | 739 | 90.0 | 739 | 88.7 | 520 | 73.3 | 1,062 | 80.1 | 1,445 | 92.7 | 1,615 | 75.8 |
| Services to Individuals | | | | | | | | | | | | | | | | |
| In-person Reference | 2,555 | 69.3 | 1,686 | 71.3 | 633 | 77.1 | 615 | 73.8 | 438 | 61.8 | 869 | 65.5 | 1,224 | 78.5 | 1,331 | 62.5 |
| Virtual Reference | 2,574 | 69.8 | 1,685 | 71.3 | 626 | 76.2 | 615 | 73.8 | 444 | 62.6 | 889 | 67.0 | 1,229 | 78.8 | 1,345 | 63.1 |
| Total Reference | 2,683 | 72.7 | 1,752 | 74.1 | 660 | 80.4 | 636 | 76.4 | 456 | 64.3 | 931 | 70.2 | 1,270 | 81.5 | 1,413 | 66.3 |
| In-person Consultations | 2,605 | 70.6 | 1,711 | 72.4 | 645 | 78.6 | 619 | 74.3 | 447 | 63.0 | 894 | 67.4 | 1,249 | 80.1 | 1,356 | 63.7 |
| Virtual Consultations | 2,640 | 71.6 | 1,723 | 72.9 | 641 | 78.1 | 627 | 75.3 | 455 | 64.2 | 917 | 69.2 | 1,260 | 80.8 | 1,380 | 64.8 |
| Total Consultations | 2,690 | 72.9 | 1,757 | 74.4 | 662 | 80.6 | 638 | 76.6 | 457 | 64.5 | 933 | 70.4 | 1,274 | 81.7 | 1,416 | 66.5 |
| Total services to individuals | 2,850 | 77.3 | 1,876 | 79.4 | 712 | 86.7 | 678 | 81.4 | 486 | 68.5 | 974 | 73.5 | 1,347 | 86.4 | 1,503 | 70.6 |

See notes at end of table.

Appendix F—ALS 2010 Response Rate Tables

Table F-1. Number and percentage of responding academic libraries, by level, control of institution, and item: 2010—Continued

| | Total post-secondary degree granting institutions | | 4-year institutions | | | | | | | | Less than 4-year | | Public | | Private | |
|---|---|------|---------------------------|---------|-------------------------|---------|-------------------|---------|-------------------|---------|-------------------|---------|-------------------|---------|-------------------|---------|
| | | | Total 4-year institutions | | Highest level of degree | | | | | | | | | | | |
| | | | | | Doctor's | | Master's | | Bachelor's | | | | | | | |
| | | | Total res-ponding | Percent | Total res-ponding | Percent | Total res-ponding | Percent | Total res-ponding | Percent | Total res-ponding | Percent | Total res-ponding | Percent | Total res-ponding | Percent |
| Library services, typical week | | | | | | | | | | | | | | | | |
| Hours open, typical week | 3,102 | 84.1 | 2,025 | 85.7 | 750 | 91.4 | 747 | 89.7 | 528 | 74.5 | 1,077 | 81.2 | 1,455 | 93.3 | 1,647 | 77.3 |
| Gate count, typical week | 2,979 | 80.8 | 1,933 | 81.8 | 717 | 87.3 | 710 | 85.2 | 506 | 71.4 | 1,046 | 78.9 | 1,416 | 90.8 | 1,563 | 73.4 |
| Electronic services | | | | | | | | | | | | | | | | |
| Library services provided: | | | | | | | | | | | | | | | | |
| Documents digitized by library staff | 3,114 | 84.4 | 2,029 | 85.9 | 755 | 92.0 | 744 | 89.3 | 530 | 74.8 | 1,085 | 81.8 | 1459.0 | 93.6 | 1655.0 | 77.7 |
| Library reference service by e-mail or Web | 3,114 | 84.4 | 2,029 | 85.9 | 755 | 92.0 | 744 | 89.3 | 530 | 74.8 | 1,085 | 81.8 | 1459.0 | 93.6 | 1655.0 | 77.7 |
| Technology to assist patrons with disabilities | 3,113 | 84.4 | 2,029 | 85.9 | 755 | 92.0 | 744 | 89.3 | 530 | 74.8 | 1,084 | 81.7 | 1459.0 | 93.6 | 1654.0 | 77.7 |
| Electronic theses and dissertations produced by students | 3,114 | 84.4 | 2,029 | 85.9 | 755 | 92.0 | 744 | 89.3 | 530 | 74.8 | 1,085 | 81.8 | 1459.0 | 93.6 | 1655.0 | 77.7 |
| Information Literacy | | | | | | | | | | | | | | | | |
| Definition of information literacy or of an information literate student | 3,093 | 83.8 | 2,017 | 85.4 | 751 | 91.5 | 744 | 89.3 | 522 | 73.6 | 1,076 | 81.1 | 1454.0 | 93.3 | 1639.0 | 76.9 |
| Incorporated information literacy into the institution's mission | 3,091 | 83.8 | 2,016 | 85.3 | 750 | 91.4 | 744 | 89.3 | 522 | 73.6 | 1,075 | 81.1 | 1453.0 | 93.2 | 1638.0 | 76.9 |
| Incorporated information literacy into the institution's strategic plan | 3,094 | 83.9 | 2,017 | 85.4 | 750 | 91.4 | 744 | 89.3 | 523 | 73.8 | 1,077 | 81.2 | 1455.0 | 93.3 | 1639.0 | 76.9 |
| Institution-wide committee to implement the strategic plan for information literacy | 3,092 | 83.8 | 2,016 | 85.3 | 750 | 91.4 | 743 | 89.2 | 523 | 73.8 | 1,076 | 81.1 | 1455.0 | 93.3 | 1637.0 | 76.9 |
| The strategic plan formally recognizes the library's role in information literacy instruction | 3,091 | 83.8 | 2,015 | 85.3 | 750 | 91.4 | 742 | 89.1 | 523 | 73.8 | 1,076 | 81.1 | 1454.0 | 93.3 | 1637.0 | 76.9 |
| Virtual Reference | | | | | | | | | | | | | | | | |
| Library supports virtual reference | 3,107 | 84.2 | 2,025 | 85.7 | 754 | 91.8 | 744 | 89.3 | 527 | 74.3 | 1,082 | 81.6 | 1459.0 | 93.6 | 1648.0 | 77.4 |
| Library utilizes e-mail reference | 3,097 | 84.0 | 2,022 | 85.6 | 752 | 91.6 | 743 | 89.2 | 527 | 74.3 | 1,075 | 81.1 | 1455.0 | 93.3 | 1642.0 | 77.1 |
| Library utilizes chat reference, commercial services | 3,091 | 83.8 | 2,018 | 85.4 | 751 | 91.5 | 741 | 89.0 | 526 | 74.2 | 1,073 | 80.9 | 1453.0 | 93.2 | 1638.0 | 76.9 |
| Library utilizes chat reference, instant messaging | 3,090 | 83.8 | 2,018 | 85.4 | 751 | 91.5 | 741 | 89.0 | 526 | 74.2 | 1,072 | 80.8 | 1452.0 | 93.1 | 1638.0 | 76.9 |
| Library utilizes short message service | 3,090 | 83.8 | 2,018 | 85.4 | 751 | 91.5 | 741 | 89.0 | 526 | 74.2 | 1,072 | 80.8 | 1452.0 | 93.1 | 1638.0 | 76.9 |

NOTE: EOFY = Held at end of fiscal year.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Academic Libraries Survey, 2010.

Appendix F—ALS 2010 Response Rate Tables

Table F-2. Number and percentage of non-responding academic libraries, by level, control of institution, and state and jurisdiction: 2010

| State | Total postsecondary degree-granting institutions | | 4-year institutions | | | | | | | | Less than 4-year | | Public | | Priv |
|----------------------|---|---------|------------------------------|---------|-------------------------|---------|----------|---------|------------|---------|------------------|---------|--------|---------|--------|
| | | | Total 4-year institutions | | Highest level of degree | | | | | | | | | | |
| | | | | | Doctor's | | Master's | | Bachelor's | | | | | | |
| | Number | Percent | Number | Percent | Number | Percent | Number | Percent | Number | Percent | Number | Percent | Number | Percent | Number |
| United States | 512 | 13.9 | 306 | 12.9 | 64 | 7.8 | 75 | 9.0 | 167 | 23.6 | 206 | 15.5 | 76 | 4.9 | 436 |
| Alabama | 4 | 6.1 | 4 | 10.0 | 0 | 0.0 | 0 | 0.0 | 4 | 30.8 | 0 | 0.0 | 0 | 0.0 | 4 |
| Alaska | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 |
| Arizona | 15 | 25.9 | 11 | 33.3 | 0 | 0.0 | 3 | 50.0 | 8 | 44.4 | 4 | 16.0 | 2 | 8.3 | 13 |
| Arkansas | 4 | 8.9 | 3 | 13.6 | 0 | 0.0 | 0 | 0.0 | 3 | 33.3 | 1 | 4.3 | 1 | 3.0 | 3 |
| California | 73 | 21.2 | 40 | 21.4 | 10 | 12.3 | 12 | 19.0 | 18 | 41.9 | 33 | 20.9 | 15 | 10.3 | 58 |
| Colorado | 8 | 13.8 | 7 | 20.0 | 0 | 0.0 | 0 | 0.0 | 7 | 41.2 | 1 | 4.3 | 0 | 0.0 | 8 |
| Connecticut | 2 | 5.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 2 | 13.3 | 1 | 5.6 | 1 |
| Delaware | 3 | 30.0 | 2 | 33.3 | 1 | 25.0 | 1 | 50.0 | 0 | 0.0 | 1 | 25.0 | 1 | 20.0 | 2 |
| District of Columbia | 3 | 18.8 | 3 | 18.8 | 1 | 11.1 | 2 | 33.3 | 0 | 0.0 | 0 | 0.0 | 1 | 50.0 | 2 |
| Florida | 34 | 22.4 | 21 | 18.9 | 1 | 4.3 | 9 | 20.5 | 11 | 25.0 | 13 | 31.7 | 0 | 0.0 | 34 |
| Georgia | 14 | 12.7 | 5 | 7.7 | 0 | 0.0 | 1 | 4.3 | 4 | 16.7 | 9 | 20.0 | 2 | 3.2 | 12 |
| Hawaii | 2 | 15.4 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 2 | 33.3 | 1 | 12.5 | 1 |
| Idaho | 2 | 15.4 | 2 | 20.0 | 0 | 0.0 | 1 | 50.0 | 1 | 20.0 | 0 | 0.0 | 0 | 0.0 | 2 |
| Illinois | 17 | 11.0 | 13 | 13.1 | 3 | 6.8 | 0 | 0.0 | 10 | 31.3 | 4 | 7.1 | 1 | 1.7 | 16 |
| Indiana | 6 | 7.3 | 5 | 8.1 | 2 | 11.1 | 1 | 4.5 | 2 | 9.1 | 1 | 5.0 | 0 | 0.0 | 6 |
| Iowa | 7 | 12.1 | 7 | 17.1 | 0 | 0.0 | 3 | 18.8 | 4 | 26.7 | 0 | 0.0 | 0 | 0.0 | 7 |
| Kansas | 5 | 8.6 | 3 | 9.7 | 0 | 0.0 | 1 | 9.1 | 2 | 15.4 | 2 | 7.4 | 2 | 6.7 | 3 |
| Kentucky | 13 | 19.1 | 6 | 14.6 | 2 | 15.4 | 0 | 0.0 | 4 | 26.7 | 7 | 25.9 | 2 | 8.3 | 11 |
| Louisiana | 9 | 18.4 | 3 | 10.3 | 0 | 0.0 | 1 | 10.0 | 2 | 40.0 | 6 | 30.0 | 2 | 6.9 | 7 |
| Maine | 1 | 3.4 | 1 | 5.3 | 0 | 0.0 | 0 | 0.0 | 1 | 12.5 | 0 | 0.0 | 1 | 6.7 | 0 |
| Maryland | 9 | 16.4 | 7 | 19.4 | 3 | 21.4 | 2 | 11.1 | 2 | 50.0 | 2 | 10.5 | 4 | 13.3 | 5 |
| Massachusetts | 12 | 10.3 | 8 | 8.4 | 4 | 10.8 | 2 | 5.4 | 2 | 9.5 | 4 | 18.2 | 1 | 3.3 | 11 |
| Michigan | 11 | 12.5 | 6 | 10.7 | 1 | 4.3 | 2 | 10.5 | 3 | 21.4 | 5 | 15.6 | 2 | 4.5 | 9 |
| Minnesota | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 |
| Mississippi | 3 | 8.8 | 1 | 5.9 | 1 | 14.3 | 0 | 0.0 | 0 | 0.0 | 2 | 11.8 | 2 | 8.3 | 1 |
| Missouri | 15 | 13.9 | 14 | 18.4 | 3 | 11.1 | 1 | 4.3 | 10 | 38.5 | 1 | 3.1 | 1 | 2.9 | 14 |
| Montana | 1 | 5.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 10.0 | 0 | 0.0 | 1 |
| Nebraska | 5 | 13.5 | 5 | 19.2 | 0 | 0.0 | 2 | 14.3 | 3 | 50.0 | 0 | 0.0 | 0 | 0.0 | 5 |
| Nevada | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 |
| New Hampshire | 3 | 12.0 | 2 | 11.1 | 1 | 14.3 | 0 | 0.0 | 1 | 14.3 | 1 | 14.3 | 1 | 10.0 | 2 |

See notes at end of table.

Appendix F—ALS 2010 Response Rate Tables

Table F-2. Number and percentage of non-responding academic libraries, by level, control of institution, and state and jurisdiction: 2010—Continued

| State | Total postsecondary degree-granting institutions | | 4-year institutions | | | | | | | | Less than 4-year | | Public | | Private | |
|----------------|---|--------|------------------------------|--------|-------------------------|--------|----------|--------|------------|--------|------------------|--------|---------|--------|---------|------|
| | | | Total 4-year institutions | | Highest level of degree | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| | | | | | Doctor's | | Master's | | Bachelor's | | | | | | | |
| Number | Percent | Number | Percent | Number | Percent | Number | Percent | Number | Percent | Number | Percent | Number | Percent | Number | Percent | |
| New Jersey | 7 | 12.3 | 5 | 13.9 | 1 | 5.9 | 1 | 7.7 | 3 | 50.0 | 2 | 9.5 | 2 | 6.3 | 5 | 20.0 |
| New Mexico | 6 | 17.6 | 4 | 26.7 | 0 | 0.0 | 1 | 14.3 | 3 | 60.0 | 2 | 10.5 | 3 | 11.1 | 3 | 42.9 |
| New York | 51 | 18.9 | 40 | 20.1 | 15 | 20.3 | 11 | 13.6 | 14 | 31.8 | 11 | 15.5 | 3 | 3.8 | 48 | 25.3 |
| North Carolina | 3 | 2.3 | 3 | 4.5 | 0 | 0.0 | 0 | 0.0 | 3 | 10.3 | 0 | 0.0 | 0 | 0.0 | 3 | 5.3 |
| North Dakota | 1 | 5.3 | 1 | 8.3 | 1 | 33.3 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 7.1 | 0 | 0.0 |
| Ohio | 32 | 19.9 | 15 | 15.2 | 3 | 10.7 | 5 | 11.1 | 7 | 26.9 | 17 | 27.4 | 8 | 16.0 | 24 | 21.6 |
| Oklahoma | 5 | 10.4 | 3 | 9.1 | 1 | 9.1 | 0 | 0.0 | 2 | 22.2 | 2 | 13.3 | 3 | 10.3 | 2 | 10.5 |
| Oregon | 6 | 11.8 | 4 | 12.1 | 1 | 8.3 | 1 | 7.1 | 2 | 28.6 | 2 | 11.1 | 2 | 8.0 | 4 | 15.4 |
| Pennsylvania | 35 | 19.1 | 8 | 6.5 | 2 | 4.2 | 6 | 11.8 | 0 | 0.0 | 27 | 45.8 | 2 | 5.9 | 33 | 22.1 |
| Rhode Island | 1 | 7.7 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 50.0 | 0 | 0.0 | 1 | 10.0 |
| South Carolina | 9 | 13.2 | 4 | 9.5 | 0 | 0.0 | 1 | 5.6 | 3 | 20.0 | 5 | 19.2 | 4 | 12.1 | 5 | 14.3 |
| South Dakota | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| Tennessee | 9 | 10.7 | 5 | 8.3 | 1 | 5.3 | 0 | 0.0 | 4 | 19.0 | 4 | 16.7 | 0 | 0.0 | 9 | 14.5 |
| Texas | 32 | 15.7 | 12 | 11.7 | 2 | 3.7 | 3 | 12.5 | 7 | 28.0 | 20 | 19.8 | 1 | 1.0 | 31 | 30.7 |
| Utah | 3 | 11.1 | 3 | 14.3 | 0 | 0.0 | 0 | 0.0 | 3 | 30.0 | 0 | 0.0 | 0 | 0.0 | 3 | 16.7 |
| Vermont | 1 | 5.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 100.0 | 0 | 0.0 | 1 | 6.7 |
| Virginia | 15 | 15.8 | 9 | 14.3 | 2 | 8.3 | 0 | 0.0 | 7 | 26.9 | 6 | 18.8 | 2 | 5.1 | 13 | 23.2 |
| Washington | 3 | 4.5 | 3 | 7.7 | 1 | 8.3 | 0 | 0.0 | 2 | 14.3 | 0 | 0.0 | 0 | 0.0 | 3 | 12.0 |
| West Virginia | 3 | 9.4 | 1 | 4.0 | 0 | 0.0 | 0 | 0.0 | 1 | 12.5 | 2 | 28.6 | 0 | 0.0 | 3 | 17.6 |
| Wisconsin | 9 | 13.2 | 7 | 13.7 | 1 | 7.1 | 2 | 8.7 | 4 | 28.6 | 2 | 11.8 | 2 | 6.7 | 7 | 18.4 |
| Wyoming | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |

NOTE: Percentages are derived using table A-3 counts.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Academic Libraries Survey, 2010.

Appendix F—ALS 2010 Response Rate Tables

Table F-3. Total number of academic libraries, by level, control of institution, and state and jurisdiction: 2010

F-8

| State | Total postsecondary degree-granting institutions | 4-year institutions | | | | Less than 4-year | Public | Private |
|----------------------|--|------------------------------|-------------------------|----------|------------|---------------------|--------|---------|
| | | Total 4-year institutions | Highest level of degree | | | | | |
| | | | Doctor's | Master's | Bachelor's | | | |
| United States | 3,689 | 2,363 | 821 | 833 | 709 | 1,326 | 1,559 | 2,130 |
| Alabama | 66 | 40 | 14 | 13 | 13 | 26 | 39 | 27 |
| Alaska | 5 | 3 | 1 | 2 | 0 | 2 | 5 | 0 |
| Arizona | 58 | 33 | 9 | 6 | 18 | 25 | 24 | 34 |
| Arkansas | 45 | 22 | 6 | 7 | 9 | 23 | 33 | 12 |
| California | 345 | 187 | 81 | 63 | 43 | 158 | 146 | 199 |
| Colorado | 58 | 35 | 12 | 6 | 17 | 23 | 26 | 32 |
| Connecticut | 40 | 25 | 10 | 10 | 5 | 15 | 18 | 22 |
| Delaware | 10 | 6 | 4 | 2 | 0 | 4 | 5 | 5 |
| District of Columbia | 16 | 16 | 9 | 6 | 1 | 0 | 2 | 14 |
| Florida | 152 | 111 | 23 | 44 | 44 | 41 | 41 | 111 |
| Georgia | 110 | 65 | 18 | 23 | 24 | 45 | 63 | 47 |
| Hawaii | 13 | 7 | 2 | 3 | 2 | 6 | 8 | 5 |
| Idaho | 13 | 10 | 3 | 2 | 5 | 3 | 7 | 6 |
| Illinois | 155 | 99 | 44 | 23 | 32 | 56 | 60 | 95 |
| Indiana | 82 | 62 | 18 | 22 | 22 | 20 | 28 | 54 |
| Iowa | 58 | 41 | 10 | 16 | 15 | 17 | 19 | 39 |
| Kansas | 58 | 31 | 7 | 11 | 13 | 27 | 30 | 28 |
| Kentucky | 68 | 41 | 13 | 13 | 15 | 27 | 24 | 44 |
| Louisiana | 49 | 29 | 14 | 10 | 5 | 20 | 29 | 20 |
| Maine | 29 | 19 | 5 | 6 | 8 | 10 | 15 | 14 |
| Maryland | 55 | 36 | 14 | 18 | 4 | 19 | 30 | 25 |
| Massachusetts | 117 | 95 | 37 | 37 | 21 | 22 | 30 | 87 |
| Michigan | 88 | 56 | 23 | 19 | 14 | 32 | 44 | 44 |
| Minnesota | 99 | 67 | 21 | 15 | 31 | 32 | 42 | 57 |
| Mississippi | 34 | 17 | 7 | 8 | 2 | 17 | 24 | 10 |
| Missouri | 108 | 76 | 27 | 23 | 26 | 32 | 34 | 74 |
| Montana | 20 | 10 | 2 | 5 | 3 | 10 | 15 | 5 |
| Nebraska | 37 | 26 | 6 | 14 | 6 | 11 | 15 | 22 |
| Nevada | 12 | 9 | 3 | 1 | 5 | 3 | 7 | 5 |
| New Hampshire | 25 | 18 | 7 | 4 | 7 | 7 | 10 | 15 |

See notes at end of table.

Appendix F—ALS 2010 Response Rate Tables

Table F-3. Total number of academic libraries, by level, control of institution, and state and jurisdiction: 2010—Continued

| State | Total postsecondary degree-granting institutions | 4-year institutions | | | | Less than 4-year | Public | Private |
|----------------|--|------------------------------|-------------------------|----------|------------|---------------------|--------|---------|
| | | Total 4-year institutions | Highest level of degree | | | | | |
| | | | Doctor's | Master's | Bachelor's | | | |
| New Jersey | 57 | 36 | 17 | 13 | 6 | 21 | 32 | 25 |
| New Mexico | 34 | 15 | 3 | 7 | 5 | 19 | 27 | 7 |
| New York | 270 | 199 | 74 | 81 | 44 | 71 | 80 | 190 |
| North Carolina | 132 | 67 | 20 | 18 | 29 | 65 | 75 | 57 |
| North Dakota | 19 | 12 | 3 | 2 | 7 | 7 | 14 | 5 |
| Ohio | 161 | 99 | 28 | 45 | 26 | 62 | 50 | 111 |
| Oklahoma | 48 | 33 | 11 | 13 | 9 | 15 | 29 | 19 |
| Oregon | 51 | 33 | 12 | 14 | 7 | 18 | 25 | 26 |
| Pennsylvania | 183 | 124 | 48 | 51 | 25 | 59 | 34 | 149 |
| Rhode Island | 13 | 11 | 6 | 4 | 1 | 2 | 3 | 10 |
| South Carolina | 68 | 42 | 9 | 18 | 15 | 26 | 33 | 35 |
| South Dakota | 22 | 17 | 4 | 11 | 2 | 5 | 12 | 10 |
| Tennessee | 84 | 60 | 19 | 20 | 21 | 24 | 22 | 62 |
| Texas | 204 | 103 | 54 | 24 | 25 | 101 | 103 | 101 |
| Utah | 27 | 21 | 3 | 8 | 10 | 6 | 9 | 18 |
| Vermont | 20 | 19 | 3 | 12 | 4 | 1 | 5 | 15 |
| Virginia | 95 | 63 | 24 | 13 | 26 | 32 | 39 | 56 |
| Washington | 66 | 39 | 12 | 13 | 14 | 27 | 41 | 25 |
| West Virginia | 32 | 25 | 6 | 11 | 8 | 7 | 15 | 17 |
| Wisconsin | 68 | 51 | 14 | 23 | 14 | 17 | 30 | 38 |
| Wyoming | 10 | 2 | 1 | 0 | 1 | 8 | 8 | 2 |

SOURCE: U.S. Department of Education, National Center for Education Statistics, Academic Libraries Survey, 2010.

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Appendix G

**Academic Libraries Survey's Nonresponse Bias Study
for FY 2000 through FY 2008
by Joanna Fane Lineback
Chief, Response and Measurement Staff
U.S. Census Bureau**

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Appendix G—ALS Nonresponse Bias Study

1. Introduction

The Office of Management and Budget (OMB) directs survey programs to evaluate potential nonresponse bias if a survey's unit response rate (URR) falls below 80% (Graham, 2006). The Census Bureau's economic area requires a nonresponse bias study if a program's total quantity response rate (TQRR) for a key statistic falls below 70% (U.S. Census Bureau Statistical Quality Standards, 2010). National Center for Education Statistics (NCES) Standard 4-4-1 calls for nonresponse bias analysis for any survey program with a URR or item response rate (IRR) less than 85% (NCES Statistical Standards, 2002).

The Academic Libraries Survey (ALS) is an NCES sponsored program. An academic library is the library associated with a degree-granting institution of higher education. ALS data are collected biennially for all of the roughly 3,800 degree-granting postsecondary institutions. The data provide an overview of academic libraries nationwide and by state. (For more information on the ALS, visit the following site: <http://nces.ed.gov/surveys/libraries/academic.asp>.) Based on 2008 ALS publication tables, the survey program URR is above 85%, but numerous IRRs are below 85% (Academic Libraries: 2008 First Look, 2010). Therefore, based on NCES statistical standards, a nonresponse bias study is required.

This study was limited to a preliminary analysis of response rates to help uncover areas where we would recommend directing a future, more extensive nonresponse bias study. The research was divided into the following components:

1. For the five most recent survey cycles², calculate the URR overall (for the survey program) and by publication cell.^{3,4}
2. For the five most recent survey cycles and for all survey items, calculate the IRR and the TQRR.
3. Identify chronic unit nonrespondents.

The URR was calculated using both the Census Bureau and NCES standard URR formulas. The IRR was calculated using the standard NCES formula. The TQRR was calculated for non-yes/no data items using the Census Bureau economic area standard formula. Low response rates may indicate areas to target future nonresponse bias analysis. Chronic nonrespondents were defined as those institutions that did not respond for survey cycles 2006, 2008, and 2000, 2002, or 2004. The list of chronic nonrespondents was sent separately to analysts to avoid any disclosure issues. Eighty-three chronic nonrespondents were identified. Analysts plan direct intervention for chronic nonrespondents.

² The five most recent cycles are 2000, 2002, 2004, 2006, and 2008.

³ We did not calculate response rates by imputation cell, because imputation cells change with each survey cycle.

⁴ The data are published by control (i.e., public or private), level (i.e., highest level of any degree offered by the institution), size (based on full-time enrollment), and Carnegie classification (similar to level, but more detailed and based on additional criteria).

Appendix G—ALS Nonresponse Bias Study

The remainder of this report is divided into four sections. Section 2 is a discussion of the response rate standards and formulas used for research. Section 3 details findings. Section 4 provides recommendations. Section 5 includes our conclusions.

2. Response Rate Formulas

The following NCES and Census Bureau standard response rate formulas were used for this study.⁵

2a. NCES

NCES Statistical Standard 1-3 provides standard response rate formulas.

The URR is defined as

where

I is the weighted number of completed interviews,

F is the weighted number of refused interview cases,

O is the weighted number of eligible sample units not responding for reasons other than refusal,

NC is the weighted number of noncontacted sample units known to be eligible,

K is the weighted number of sample units of unknown eligibility, with no interview, and

e is the estimated proportion of sample units of unknown eligibility that are eligible.

See NCES Statistical Standard 1-3-2 for more information on .

The IRR is given below. [Note that for the IRR NCES asked us to use the Total Response Rate (RRT) formula referred to in Standard 1-3-5 instead of the IRR formula referred to in Standard 1-3-6. We refer to RRT as IRR in this report to use consistent terminology.]

where

F^x is the number of respondents for whom an in-scope response was obtained for item x ,

I is the number of unit level respondents,

V^x is the number of respondents with a valid skip for item x , and

URR_{NCES} is the overall URR.

See NCES Statistical Standards 1-3-5 and 1-3-6 for more information on the IRR.

2b. Census

The URR is given by

⁵ Note that the naming conventions were modified slightly for this report.

Appendix G—ALS Nonresponse Bias Study

where

R is the count of *reporting units* selected for the sample that were eligible for data collection and classified as a response,

E is the count of reporting units selected for the sample that were eligible for data collection, and

U is the count of reporting units selected for the sample for which eligibility could not be determined.

The TQRR is given by

where

w_i is the design weight of tabulation unit i ,

r_{it} is the indicator variable for reported data for tabulation unit i and data item t ,

e_{it} is the indicator variable of “equivalent quality” data⁶ for tabulation unit i and data item t ,

y_{it} is the data value for unit i ,

g_i is the nonresponse weighting adjustment factor for tabulation unit i , and

N is the total number of eligible tabulation units.

3. Response Rate Analysis

3a. URR

The URR was examined overall and by publication cell over the five most recent survey cycles.

The overall 2008 ALS URR was 86.7% using . Using yielded the same result, because we were asked to assume that all units with unknown eligibility were eligible,⁷ giving an eligibility factor, e , of one.

⁶ Equivalent quality data are *indirectly* received from the “respondent.” To be considered equivalent quality, substituted data *should* be validated by an independent report.

⁷ Note that the smaller the unknown eligibility factor, the higher the URR, giving a “conservative” response rate.

Appendix G—ALS Nonresponse Bias Study

Figure 1 shows that the survey program URR did not fall below 85% (the NCES target rate) over the past five survey cycles.

Figure 1: URR (2000-2008)

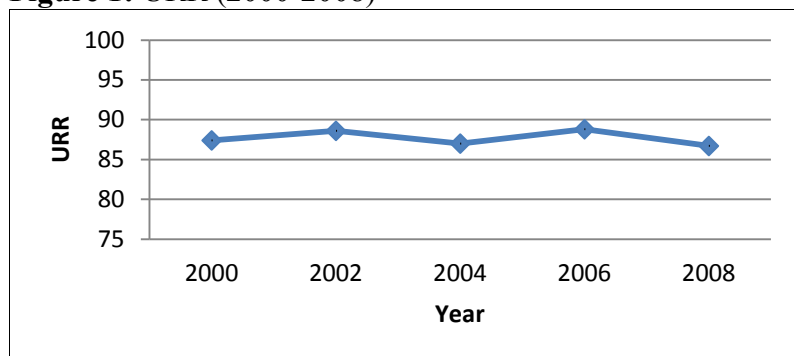
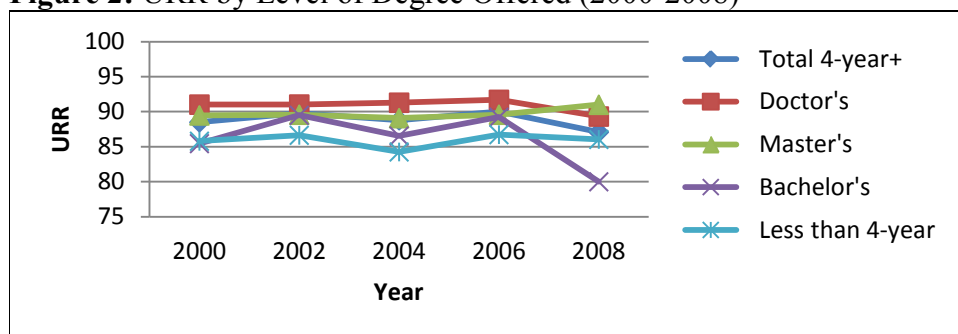


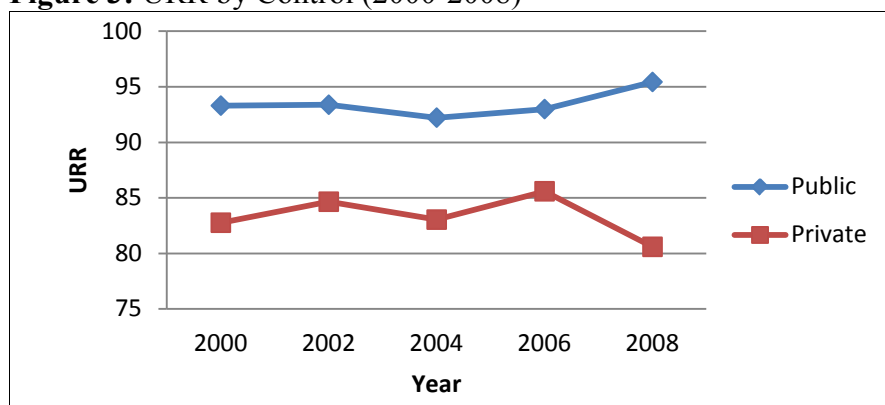
Figure 2 illustrates that, aside from Bachelor's in 2008 and Less than 4-year in 2004, the URR was greater than 85% in Level of Degree Offered publication cells.

Figure 2: URR by Level of Degree Offered (2000-2008)



There were, however, publication cells where the URR consistently fell below 85%. Figure 3 illustrates that the URR consistently fell below 85% for private institutions.

Figure 3: URR by Control (2000-2008)



Appendix G—ALS Nonresponse Bias Study

Figure 4 illustrates that the URR consistently fell below 85% for full-time enrollment (FTE) less than 1,000.

Figure 4: URR by Full-time Enrollment (2000-2008)

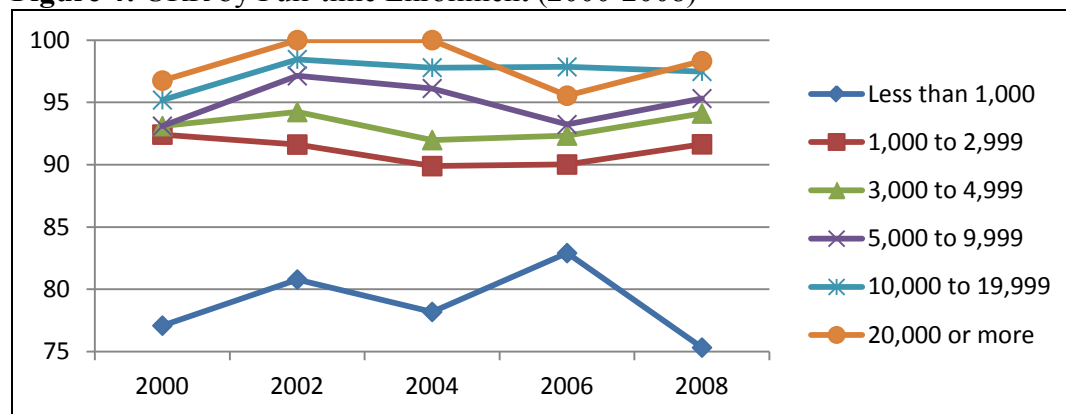
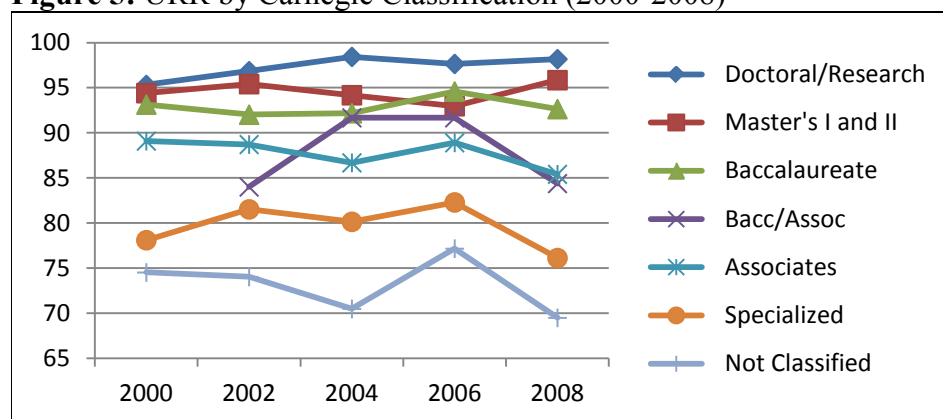


Figure 5 illustrates that the URR consistently fell below 85% for Carnegie Classifications Specialized and Not Classified.

Figure 5: URR by Carnegie Classification (2000-2008)



See Tables 1 and 2 in the appendices for the URRs overall, by publication cell, and by state.

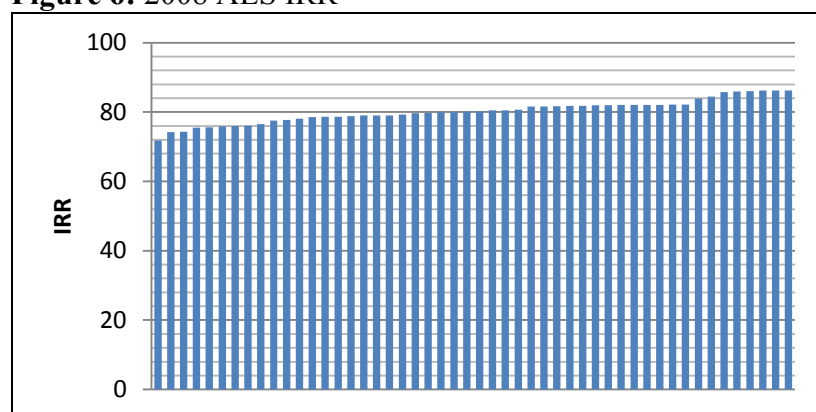
3b. IRR and TQRR

The program level 2008 ALS IRR fell below 85% for 54 of 65 data items, with the lowest IRR being 72% for Electronic One-Time Purchases. Figure 6 is a column chart of 2008 ALS IRRs sorted from lowest to highest. It was observed that the IRRs were generally higher for yes/no questions⁸. However, based on our initial examination of response rates, little can be said about these items except that they tended to follow the same trend as the URR at the publication cell level.

⁸ Skip patterns were taken into account.

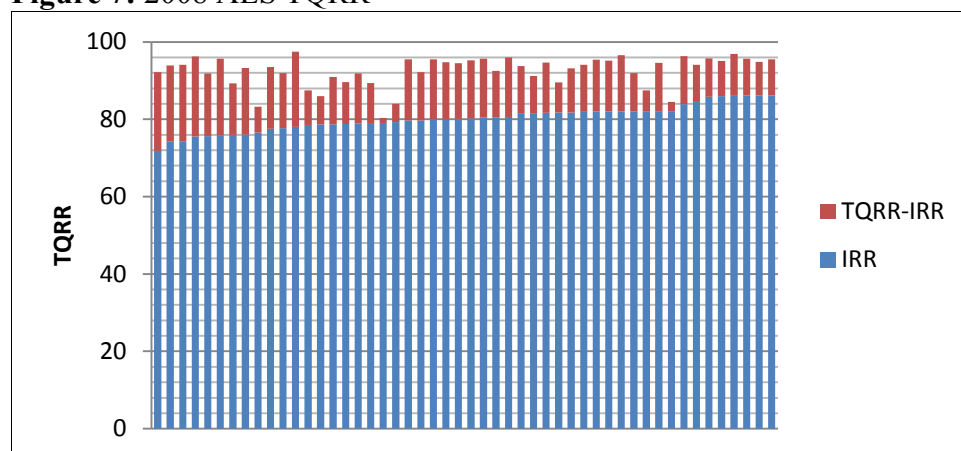
Appendix G—ALS Nonresponse Bias Study

Figure 6: 2008 ALS IRR



To analyze these rates further, we calculated the TQRR for applicable (i.e., non-yes/no) items. The TQRR gives us an indication of how much of the data is accounted for. Figure 7 is a column chart of 2008 ALS TQRRs, sorted by IRR, illustrating that a majority of the data was collected, despite the corresponding IRRs that failed to meet target values.⁹

Figure 7: 2008 ALS TQRR

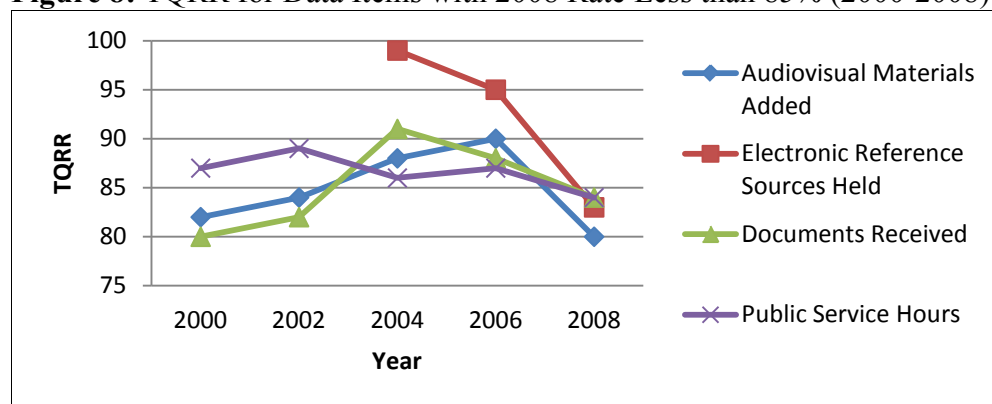


If we used the same criteria for the TQRR (i.e., an 85% target response rate), then, based on 2008 data, four items would have been flagged for not meeting the target value – Audiovisual Materials Added During the Fiscal Year, Electronic Reference Services Held at the End of the Fiscal Year, Documents Received from Commercial Services, and Number of Weekly Public Service Hours. In other words, for all but four data items, 85% of the data were accounted for (based on current imputation methodology). The 2000-2008 TQRRs for these items are given in Figure 8.

⁹ The item names are not included in Figures 6 and 7 for three reasons: 1) They would make the charts very crowded, 2) The information is provided in the appendices, and 3) The point here is to illustrate the range of IRR and TQRR values.

Appendix G—ALS Nonresponse Bias Study

Figure 8: TQRR for Data Items with 2008 Rate Less than 85% (2000-2008)



The lowest TQRR among the items was 80% for Audiovisual Materials Added During the Fiscal Year. However, the TQRR was closer to 90% for census years 2004 and 2006. The TQRR for Electronic Reference Sources Held at the End of the Year was also historically higher than 85%. Note that Electronic Reference Sources Held was new in 2004, so this observation was based on only three data points. For Documents Received from Commercial Services and Weekly Public Service Hours, TQRR was higher than 85% for years 2004 and 2006 and lower than 85% for years 2000 and 2002. Therefore, if we were interested in the TQRRs instead of the IRRs, none would have been at a critical level for concern, because TQRR exceeded a target value of 85% in at least two of four prior survey cycles.

See appendices Tables H-3a-e and I-4a-e for the IRRs and TQRRs, respectively, overall and by publication cell.

4. Recommendations

4a. Mitigating Nonresponse Bias

The purpose of a nonresponse bias study is to identify areas of potential nonresponse bias and make recommendations for mitigating the bias. Because ALS is a census (i.e., units have equal weights of one), any nonresponse is an indicator of nonresponse bias. The approach for the ALS study was to identify publication cells with response rates that consistently fell below target values, because it is generally understood that underrepresentation among subpopulations could affect survey estimates.

The following 2008 publication cells had a URR less than 85%: private institutions, FTE less than 1,000, and specialized and not classified Carnegie classifications. To mitigate the bias, for future data collections we recommend targeted follow-up among these subpopulations.

Depending on available resources, the follow-up could be anything from a post-card follow-up reminder to a phone call or in-person visit. (Note that as the response rate increases, it will get harder and harder to convert nonrespondents.) Given a small enough group of nonrespondents, they could be contacted directly to determine causes for nonresponse.

4b. Future Research

A research goal was to identify areas to target additional nonresponse bias analysis; however, it is possible that nonresponse bias is not a major error source for ALS. ALS response rates –

Appendix G—ALS Nonresponse Bias Study

URR, IRR, and TQRR – were high relative to response rates obtained by other surveys. They were high relative to the target response rates directed by OMB and the Census Bureau. Even when the IRR did not meet a target value, often the corresponding TQRR was significantly higher than the IRR, an indicator that we captured the majority of the data. TQRRs were generally high overall and within subgroup. Therefore, in lieu of additional nonresponse bias analysis, we recommend investigating other potential sources of error. We identify two possibilities – the imputation methodology and the questionnaire design.

Regarding the imputation methodology, it is important to correctly define imputation cells. Currently, ALS imputation cells are formed based on Sector by measure of size (FTE), and a missing at random response mechanism with ignorable nonresponse within imputation cells is assumed. If the units within an adjustment cell do not have the same cell mean (i.e., the respondent and nonrespondent means are different), then perhaps we have assumed the wrong response mechanism. Moreover, if the imputation methodologies within cells are not good at predicting the value of interest, we could be introducing error. We would recommend investigating the response mechanism and the imputation methods used within cells. (This could be part of a larger nonresponse bias study.) However, prior to this, we would recommend looking into possible causes of measurement error.

Based on preliminary analysis, there is evidence of measurement error due to the survey questionnaire’s design. For example, it is not clear how universities on a quarter system report for the “Fall” reference period referred to in the survey instructions. Moreover, the survey instructions are very lengthy and in a separate section of the questionnaire. As pointed out in the survey methodology literature, survey instructions are often not read (Dillman, 2007). Therefore, if the reference period is given in the instructions but not in the body of the survey, as is often the case for ALS, one cannot feel confident that respondents are reporting for the correct time period. These are just a few of the many possible examples. We feel it is prudent to seek out questionnaire design experts to address these issues, especially with the trend towards electronic activity among academic libraries.

5. Conclusions

NCES Statistical Standards direct survey programs to conduct a nonresponse bias analysis if a URR or IRR falls below 85%. This study was a preliminary investigation into nonresponse bias for the ALS. Response rates were examined to uncover areas where low response rates could be affecting survey estimates. Four publication cells with URR consistently below 85% were identified: private institutions, FTE less than 1,000, and specialized and not classified Carnegie classifications.

Our recommendations are grouped into two categories: recommendations to reduce nonresponse bias and recommendations for future research. To reduce nonresponse bias, we recommend targeted nonresponse follow-up for the following institutions: private, specialized, not classified and those with FTE less than 1,000. For future research, we recommend investigating other possible error sources, in particular the current imputation methodology (possibly as part of a larger nonresponse bias study) and the survey questionnaire’s design. The imputation rate for ALS is relatively small (<10% for most variables in 2008), and evidence suggests there are

Appendix G—ALS Nonresponse Bias Study

unresolved measurement issues. Therefore, we recommend first putting resources towards questionnaire design research.

6. Acknowledgements

The author would like to thank Laura Hardesty and Eric Fink for their help on this project.

7. References

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National Center for Education Statistics Library Statistics Program located at <http://nces.ed.gov/surveys/libraries/academic.asp>.

National Center for Education Statistics Statistical Standards (2002) located at http://nces.ed.gov/StatProg/2002/std4_4.asp.

U.S. Census Bureau Statistical Quality Standards (2010) located internally at http://cww.census.gov/msdir/docs/Quality_Standards_June2010_cww.pdf.

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Appendix H

Academic Libraries Survey Response Rates Used in the ALS Nonresponse Bias Analysis

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Appendix H—Academic Libraries Survey Response Rates

Table H-1. Academic Libraries Survey Unit Response Rates by Publication Cell

| | 2008 | | 2006 | | 2004 | | 2002 | | 2000 | |
|--------------------------------|--------|------|--------|------|--------|-------|--------|-------|--------|------|
| | Census | NCES | Census | NCES | Census | NCES | Census | NCES | Census | NCES |
| Overall | 86.7 | 89.0 | 88.8 | 90.8 | 87.0 | 89.3 | 88.6 | 90.6 | 87.4 | 89.1 |
| Control | | | | | | | | | | |
| Public | 95.4 | 96.3 | 93.0 | 94.3 | 92.2 | 93.7 | 93.4 | 94.6 | 93.3 | 94.2 |
| Private | 80.6 | 83.8 | 85.6 | 88.1 | 83.0 | 86.0 | 84.7 | 87.3 | 82.8 | 85.0 |
| Level | | | | | | | | | | |
| Total 4-year+ | 87.1 | 89.3 | 90.0 | 91.8 | 88.8 | 90.8 | 89.8 | 91.7 | 88.5 | 90.0 |
| Doctor's | 89.3 | 91.2 | 91.7 | 93.3 | 91.3 | 92.9 | 91.0 | 92.7 | 91.0 | 92.3 |
| Master's | 91.0 | 92.6 | 89.6 | 91.5 | 89.1 | 91.1 | 89.6 | 91.5 | 89.5 | 90.8 |
| Bachelor's | 80.0 | 83.3 | 89.2 | 91.2 | 86.5 | 88.9 | 89.5 | 91.4 | 85.5 | 87.3 |
| Less than 4-year | 86.1 | 88.5 | 86.7 | 89.1 | 84.3 | 87.0 | 86.6 | 89.0 | 85.8 | 87.7 |
| Full-time Enrollment | | | | | | | | | | |
| Less than 1,000 | 75.3 | 79.2 | 82.9 | 85.8 | 78.2 | 81.8 | 80.8 | 84.0 | 77.1 | 79.9 |
| 1,000 to 2,999 | 91.6 | 93.2 | 90.0 | 91.9 | 89.9 | 91.7 | 91.6 | 93.2 | 92.4 | 93.4 |
| 3,000 to 4,999 | 94.1 | 95.1 | 92.3 | 93.8 | 92.0 | 93.5 | 94.2 | 95.3 | 93.1 | 94.2 |
| 5,000 to 9,999 | 95.3 | 96.2 | 93.2 | 94.5 | 96.1 | 96.9 | 97.1 | 97.7 | 93.1 | 94.1 |
| 10,000 to 19,999 | 97.5 | 97.9 | 97.9 | 98.3 | 97.8 | 98.2 | 98.5 | 98.8 | 95.2 | 95.8 |
| 20,000 or more | 98.3 | 98.8 | 95.5 | 96.4 | 100.0 | 100.0 | 100.0 | 100.0 | 96.8 | 97.1 |
| Carnegie Classification | | | | | | | | | | |
| Doctoral/Research | 98.2 | 98.5 | 97.7 | 98.1 | 98.4 | 98.7 | 96.9 | 97.5 | 95.3 | 96.1 |
| Master's I and II | 95.9 | 96.6 | 93.0 | 94.3 | 94.2 | 95.3 | 95.4 | 96.3 | 94.4 | 95.0 |
| Baccalaureate | 92.6 | 94.0 | 94.6 | 95.6 | 92.2 | 93.7 | 92.0 | 93.5 | 93.1 | 94.1 |
| Baccalaureate/Associates | 84.4 | 87.1 | 91.7 | 93.2 | 91.7 | 93.2 | 84.0 | 86.8 | -- | -- |
| Associates | 85.4 | 87.9 | 88.9 | 90.9 | 86.7 | 89.1 | 88.7 | 90.8 | 89.1 | 90.6 |
| Specialized | 76.1 | 79.9 | 82.3 | 85.3 | 80.1 | 83.5 | 81.5 | 84.7 | 78.1 | 80.7 |
| Not Classified | 69.5 | 73.9 | 77.2 | 80.9 | 70.5 | 74.9 | 74.0 | 78.1 | 74.5 | 77.6 |

SOURCE: U.S. Census Bureau, Academic Libraries Survey, 2000, 2002, 2004, 2006, and 2008. Although the data in this table come from a census of academic libraries and are not subject to sampling error, the census results do contain nonsampling error. Additional information on nonsampling error, response rates, and definitions may be found in Appendix A Technical Notes of the Academic Libraries: 2008 First Look.

--data not collected in 2000

Appendix H—Academic Libraries Survey Response Rates

Table H-2. Academic Libraries Survey Unit Response Rates by State

| | 2008 | | 2006 | | 2004 | | 2002 | | 2000 | |
|----------------------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|
| | Census | NCES | Census | NCES | Census | NCES | Census | NCES | Census | NCES |
| State | | | | | | | | | | |
| Alaska | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Alabama | 95.5 | 96.3 | 96.8 | 97.4 | 96.9 | 97.5 | 97.0 | 97.6 | 98.5 | 98.5 |
| Arkansas | 93.5 | 94.7 | 97.9 | 98.3 | 91.5 | 93.1 | 97.8 | 98.3 | 97.8 | 97.8 |
| Arizona | 77.2 | 80.6 | 85.7 | 88.2 | 77.6 | 81.2 | 86.5 | 88.9 | 70.9 | 75.3 |
| California | 81.3 | 84.4 | 83.1 | 86.0 | 78.2 | 81.8 | 80.0 | 83.3 | 78.6 | 81.1 |
| Colorado | 83.6 | 86.4 | 88.5 | 90.6 | 77.6 | 81.2 | 78.7 | 82.2 | 84.5 | 86.6 |
| Connecticut | 86.7 | 88.6 | 84.1 | 86.9 | 95.5 | 96.3 | 93.2 | 94.5 | 90.7 | 92.0 |
| District of Columbia | 80.0 | 82.2 | 86.7 | 89.0 | 93.3 | 94.6 | 86.7 | 89.0 | 93.3 | 94.6 |
| Delaware | 100.0 | 100.0 | 88.9 | 90.9 | 77.8 | 81.4 | 80.0 | 83.3 | 80.0 | 81.6 |
| Florida | 80.1 | 83.3 | 84.4 | 87.1 | 89.1 | 91.1 | 90.8 | 92.5 | 82.5 | 84.3 |
| Georgia | 91.5 | 93.0 | 86.5 | 88.9 | 84.0 | 86.7 | 78.0 | 81.6 | 86.4 | 88.2 |
| Hawaii | 78.9 | 82.4 | 88.9 | 90.9 | 82.4 | 85.4 | 88.9 | 90.9 | 94.4 | 94.4 |
| Idaho | 95.2 | 96.2 | 96.8 | 97.4 | 88.7 | 90.8 | 83.9 | 86.7 | 90.3 | 91.5 |
| Illinois | 84.6 | 87.3 | 91.7 | 93.2 | 100.0 | 100.0 | 100.0 | 100.0 | 92.9 | 94.2 |
| Indiana | 92.1 | 93.3 | 88.6 | 90.7 | 84.9 | 87.6 | 87.9 | 90.1 | 91.5 | 92.8 |
| Iowa | 82.7 | 85.5 | 87.0 | 89.3 | 88.6 | 90.7 | 88.9 | 90.9 | 89.9 | 91.3 |
| Kansas | 93.1 | 94.4 | 94.5 | 95.6 | 88.9 | 90.9 | 90.9 | 92.6 | 90.7 | 92.1 |
| Kentucky | 91.2 | 92.5 | 92.1 | 93.5 | 91.8 | 93.3 | 91.9 | 93.4 | 93.4 | 94.7 |
| Louisiana | 86.3 | 88.7 | 88.4 | 90.5 | 95.6 | 96.4 | 95.0 | 96.0 | 90.0 | 90.9 |
| Massachusetts | 91.4 | 92.8 | 92.2 | 93.6 | 88.1 | 90.3 | 92.0 | 93.5 | 87.7 | 89.1 |
| Maryland | 80.0 | 83.0 | 81.5 | 84.6 | 83.0 | 85.9 | 90.7 | 92.5 | 88.0 | 90.2 |
| Maine | 100.0 | 100.0 | 93.1 | 94.4 | 93.3 | 94.6 | 90.0 | 91.8 | 90.6 | 91.8 |
| Michigan | 78.4 | 81.9 | 87.2 | 89.5 | 93.9 | 95.1 | 89.9 | 91.8 | 88.9 | 90.2 |
| Minnesota | 100.0 | 100.0 | 96.9 | 97.5 | 96.8 | 97.4 | 98.9 | 99.1 | 93.4 | 94.4 |
| Missouri | 81.5 | 84.6 | 88.3 | 90.5 | 75.0 | 78.9 | 88.9 | 90.9 | 87.5 | 89.4 |
| Mississippi | 95.0 | 95.5 | 92.1 | 93.6 | 81.6 | 84.7 | 78.9 | 82.4 | 92.3 | 93.3 |
| Montana | 90.5 | 92.2 | 85.7 | 88.2 | 86.4 | 88.8 | 95.5 | 96.3 | 77.3 | 80.2 |
| North Carolina | 96.1 | 96.8 | 96.0 | 96.8 | 97.5 | 98.0 | 99.2 | 99.3 | 100.0 | 100.0 |
| North Dakota | 90.0 | 91.8 | 85.0 | 87.6 | 90.0 | 91.8 | 89.5 | 91.4 | 95.0 | 96.0 |
| Nebraska | 87.5 | 89.7 | 86.5 | 88.9 | 86.5 | 88.9 | 83.3 | 86.2 | 87.9 | 90.1 |
| New Hampshire | 100.0 | 100.0 | 83.3 | 86.2 | 95.5 | 96.3 | 77.3 | 81.0 | 82.6 | 85.6 |
| New Jersey | 92.7 | 94.1 | 94.2 | 95.3 | 86.5 | 88.9 | 98.0 | 98.4 | 88.5 | 90.2 |
| New Mexico | 82.1 | 85.1 | 92.1 | 93.6 | 83.3 | 86.2 | 86.1 | 88.6 | 89.5 | 90.9 |
| Nevada | 82.4 | 85.4 | 69.2 | 73.8 | 78.6 | 82.1 | 90.9 | 92.6 | 66.7 | 70.2 |
| New York | 78.9 | 82.4 | 88.8 | 90.8 | 88.3 | 90.4 | 90.6 | 92.4 | 86.2 | 87.8 |
| Ohio | 83.0 | 86.0 | 84.4 | 87.1 | 82.1 | 85.1 | 78.2 | 81.8 | 75.5 | 78.6 |
| Oklahoma | 90.4 | 92.2 | 87.8 | 90.0 | 81.6 | 84.7 | 100.0 | 100.0 | 76.1 | 78.8 |
| Oregon | 90.7 | 92.5 | 90.6 | 92.3 | 98.1 | 98.5 | 98.1 | 98.5 | 96.0 | 96.8 |
| Pennsylvania | 82.0 | 85.1 | 90.7 | 92.4 | 86.7 | 89.1 | 86.3 | 88.8 | 85.8 | 87.6 |
| Rhode Island | 92.9 | 94.2 | 92.9 | 94.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| South Carolina | 76.9 | 80.6 | 87.1 | 89.4 | 82.0 | 85.0 | 83.6 | 86.4 | 83.6 | 85.6 |
| South Dakota | 87.0 | 89.3 | 76.2 | 80.0 | 91.3 | 92.9 | 91.3 | 92.9 | 95.8 | 96.6 |
| Tennessee | 91.5 | 93.1 | 93.0 | 94.3 | 86.9 | 89.2 | 95.1 | 96.1 | 90.2 | 91.1 |
| Texas | 87.1 | 89.4 | 86.7 | 89.1 | 90.3 | 92.1 | 91.2 | 92.8 | 91.3 | 92.3 |
| Utah | 92.0 | 93.5 | 95.7 | 96.5 | 87.0 | 89.3 | 95.5 | 96.3 | 85.7 | 88.2 |
| Virginia | 85.9 | 88.4 | 88.7 | 90.7 | 86.5 | 88.9 | 90.6 | 92.3 | 93.7 | 94.9 |
| Vermont | 90.0 | 91.8 | 86.4 | 88.8 | 91.3 | 92.9 | 78.3 | 81.8 | 82.6 | 84.8 |
| Washington | 89.7 | 91.6 | 88.6 | 90.6 | 82.6 | 85.6 | 88.7 | 90.8 | 92.4 | 93.3 |
| Wisconsin | 95.5 | 96.4 | 92.2 | 93.7 | 88.9 | 90.9 | 83.9 | 86.7 | 91.9 | 93.1 |
| West Virginia | 96.9 | 97.5 | 93.9 | 95.1 | 100.0 | 100.0 | 82.1 | 85.2 | 75.0 | 77.8 |
| Wyoming | 100.0 | 100.0 | 88.9 | 90.9 | 77.8 | 81.4 | 100.0 | 100.0 | 100.0 | 100.0 |

SOURCE: U.S. Census Bureau, *Academic Libraries Survey, 2000, 2002, 2004, 2006, and 2008*. Although the data in this table come from a census of academic libraries and are not subject to sampling error, the census results do contain nonsampling error. Additional information on nonsampling error, response rates, and definitions may be found in Appendix A Technical Notes of the *Academic Libraries: 2008 First Look*.

Appendix H—Academic Libraries Survey Response Rates

Table H-3a. Academic Libraries Survey Total Response Rates (NCES) by Publication Cell: 2008

| | Overall | Public | Private | 4-year+ | Less than 4-year | Doctors | Masters | Bachelors | Enrolled under 1,000 | 1,000 to 2,999 | 3,000 to 4,999 | 5,000 to 9,999 | 10,000 to 19,999 | 20,000 or more | Doctoral/Research | Master's I and II | Baccalaureate | Baccal/Assoc | Associates | Specialized | Not classified |
|---|---------|--------|---------|---------|------------------|---------|---------|-----------|----------------------|----------------|----------------|----------------|------------------|----------------|-------------------|-------------------|---------------|--------------|------------|-------------|----------------|
| Eligibility Questions | | | | | | | | | | | | | | | | | | | | | |
| Organized collection (yes/no) | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 86 | 86 | 87 | 87 | 87 | 87 | 87 | 87 | 87 |
| Paid, trained library staff (yes/no) | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 86 | 86 | 87 | 87 | 87 | 87 | 87 | 87 | 87 |
| Established hours (yes/no) | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 86 | 86 | 87 | 87 | 87 | 87 | 87 | 87 | 87 |
| Physical facilities (yes/no) | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 86 | 86 | 87 | 87 | 87 | 87 | 87 | 87 | 87 |
| Part A - Outlets | | | | | | | | | | | | | | | | | | | | | |
| Branches | 82 | 84 | 81 | 82 | 81 | 83 | 84 | 80 | 78 | 84 | 84 | 85 | 85 | 83 | 85 | 85 | 84 | 85 | 82 | 78 | 68 |
| Part B - Staff | | | | | | | | | | | | | | | | | | | | | |
| Number of full-time equivalents | | | | | | | | | | | | | | | | | | | | | |
| Librarians | 86 | 87 | 86 | 86 | 86 | 87 | 86 | 86 | 86 | 86 | 87 | 87 | 87 | 86 | 87 | 86 | 87 | 87 | 86 | 86 | 83 |
| Other professional staff | 86 | 87 | 86 | 86 | 86 | 87 | 86 | 86 | 86 | 86 | 87 | 87 | 87 | 86 | 87 | 86 | 87 | 87 | 86 | 86 | 83 |
| Total librarians and other professional staff | 86 | 87 | 86 | 86 | 86 | 87 | 86 | 86 | 86 | 86 | 87 | 87 | 87 | 86 | 87 | 86 | 87 | 87 | 86 | 86 | 83 |
| All other paid staff | 86 | 87 | 86 | 86 | 86 | 86 | 86 | 86 | 85 | 86 | 86 | 87 | 87 | 86 | 87 | 86 | 86 | 87 | 86 | 86 | 82 |
| Student assistants | 86 | 86 | 86 | 86 | 86 | 86 | 86 | 86 | 85 | 86 | 86 | 86 | 86 | 86 | 87 | 86 | 86 | 87 | 86 | 86 | 82 |
| Total full-time equivalent staff | 86 | 86 | 85 | 86 | 85 | 86 | 86 | 86 | 85 | 86 | 86 | 87 | 86 | 86 | 87 | 86 | 86 | 87 | 86 | 86 | 82 |
| Salaries and wages | | | | | | | | | | | | | | | | | | | | | |
| Total librarians and other professional staff | 82 | 84 | 80 | 82 | 81 | 84 | 81 | 81 | 78 | 83 | 82 | 84 | 86 | 86 | 86 | 83 | 83 | 82 | 82 | 79 | 73 |
| All other paid staff | 84 | 85 | 83 | 84 | 84 | 85 | 83 | 84 | 83 | 84 | 83 | 85 | 86 | 86 | 86 | 86 | 84 | 85 | 85 | 84 | 82 |
| Student assistants | 82 | 82 | 81 | 82 | 80 | 84 | 82 | 81 | 80 | 81 | 82 | 82 | 86 | 86 | 86 | 86 | 84 | 82 | 80 | 81 | 78 |
| Total full-time equivalent staff | 80 | 82 | 79 | 81 | 78 | 83 | 81 | 80 | 77 | 81 | 82 | 81 | 86 | 86 | 86 | 85 | 84 | 82 | 79 | 77 | 71 |
| Employee fringe benefits (yes/no) | 86 | 86 | 85 | 85 | 86 | 85 | 86 | 85 | 85 | 86 | 86 | 86 | 86 | 86 | 86 | 85 | 86 | 86 | 86 | 84 | 85 |
| Fringe benefits | 84 | 86 | 83 | 84 | 85 | 84 | 85 | 83 | 83 | 85 | 85 | 86 | 85 | 85 | 85 | 85 | 86 | 86 | 83 | 85 | 72 |
| Part C - Expenditures | | | | | | | | | | | | | | | | | | | | | |
| Information resources | | | | | | | | | | | | | | | | | | | | | |
| One-time purchases of books, backfiles, etc. | 82 | 85 | 80 | 83 | 81 | 84 | 84 | 80 | 77 | 84 | 84 | 86 | 85 | 84 | 85 | 85 | 84 | 82 | 82 | 79 | 67 |
| Electronic | 72 | 76 | 68 | 73 | 70 | 76 | 75 | 67 | 64 | 74 | 74 | 80 | 78 | 76 | 79 | 77 | 76 | 69 | 71 | 65 | 51 |
| Audiovisual | 76 | 79 | 73 | 76 | 76 | 75 | 77 | 75 | 70 | 80 | 79 | 81 | 75 | 64 | 72 | 80 | 79 | 73 | 77 | 72 | 57 |
| Ongoing commitments to serial subscriptions | 82 | 84 | 80 | 83 | 81 | 84 | 85 | 80 | 78 | 84 | 84 | 86 | 85 | 82 | 84 | 85 | 84 | 82 | 82 | 79 | 68 |
| Electronic serials | 74 | 80 | 70 | 76 | 71 | 78 | 79 | 71 | 64 | 78 | 78 | 84 | 82 | 80 | 82 | 82 | 81 | 71 | 72 | 68 | 47 |
| Other information resources | | | | | | | | | | | | | | | | | | | | | |
| Document delivery/interlibrary loan | 82 | 84 | 80 | 83 | 81 | 84 | 84 | 80 | 78 | 84 | 84 | 86 | 85 | 84 | 85 | 85 | 84 | 82 | 82 | 79 | 67 |
| Preservation | 82 | 84 | 80 | 83 | 81 | 84 | 84 | 80 | 78 | 84 | 84 | 86 | 85 | 81 | 84 | 85 | 85 | 82 | 82 | 79 | 66 |
| Other expenditures for information resources | 82 | 84 | 80 | 83 | 80 | 84 | 84 | 80 | 77 | 83 | 84 | 86 | 84 | 81 | 84 | 85 | 85 | 82 | 82 | 79 | 65 |
| Operating expenditures | | | | | | | | | | | | | | | | | | | | | |
| Computer hardware and software | 82 | 85 | 80 | 83 | 81 | 84 | 84 | 80 | 78 | 83 | 84 | 86 | 85 | 84 | 85 | 85 | 84 | 81 | 82 | 79 | 67 |
| Bibliographic utilities, networks and consortia | 82 | 84 | 80 | 83 | 80 | 84 | 84 | 80 | 78 | 83 | 84 | 86 | 85 | 82 | 84 | 85 | 85 | 82 | 82 | 79 | 66 |
| All other operating expenditures | 82 | 84 | 80 | 82 | 80 | 84 | 83 | 80 | 77 | 83 | 84 | 85 | 85 | 82 | 84 | 85 | 84 | 81 | 81 | 79 | 66 |
| Total expenditures | 78 | 81 | 75 | 79 | 75 | 81 | 80 | 76 | 72 | 79 | 81 | 81 | 84 | 82 | 83 | 83 | 81 | 77 | 76 | 73 | 60 |

Appendix H—Academic Libraries Survey Response Rates

Table H-3a. (cont'd) - Academic Libraries Survey Total Response Rates (NCES) by Publication Cell: 2008

H-7

| Part G - Electronic Services | | | | | | | | | | | | | | | | | | | | | |
|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| Documents digitized (yes/no) | 83 | 84 | 82 | 84 | 82 | 85 | 85 | 81 | 79 | 84 | 85 | 85 | 85 | 85 | 86 | 85 | 85 | 82 | 83 | 80 | 72 |
| Email or web library reference service (yes/no) | 83 | 84 | 82 | 84 | 82 | 85 | 85 | 81 | 80 | 84 | 85 | 85 | 85 | 86 | 86 | 85 | 85 | 82 | 83 | 80 | 72 |
| Technology to assist patrons (yes/no) | 83 | 84 | 82 | 84 | 82 | 85 | 85 | 81 | 79 | 84 | 85 | 85 | 85 | 84 | 85 | 85 | 85 | 82 | 83 | 80 | 72 |
| Electronic theses and dissertations (yes/no) | 83 | 84 | 82 | 84 | 82 | 85 | 85 | 81 | 79 | 84 | 85 | 85 | 85 | 84 | 85 | 85 | 85 | 82 | 83 | 80 | 72 |
| Part H - Information Literacy | | | | | | | | | | | | | | | | | | | | | |
| Definition of information literacy (yes/no) | 83 | 84 | 81 | 83 | 81 | 84 | 84 | 81 | 79 | 84 | 84 | 85 | 85 | 84 | 85 | 84 | 85 | 82 | 82 | 80 | 71 |
| Incorporated literacy in mission (yes/no) | 82 | 84 | 81 | 83 | 81 | 84 | 84 | 81 | 79 | 84 | 84 | 85 | 85 | 84 | 85 | 84 | 85 | 82 | 82 | 80 | 70 |
| Incorporated literacy in plan (yes/no) | 82 | 84 | 81 | 83 | 81 | 84 | 84 | 81 | 79 | 84 | 84 | 85 | 85 | 84 | 85 | 84 | 85 | 82 | 82 | 79 | 71 |
| Institution-wide committee on literacy (yes/no) | 76 | 80 | 72 | 77 | 73 | 79 | 80 | 72 | 68 | 78 | 81 | 82 | 80 | 80 | 83 | 81 | 81 | 78 | 75 | 68 | 56 |
| Strategic plan recognizing literacy role (yes/no) | 76 | 80 | 72 | 77 | 73 | 79 | 79 | 72 | 67 | 79 | 80 | 82 | 81 | 80 | 83 | 81 | 80 | 78 | 76 | 67 | 55 |

SOURCE: U.S. Census Bureau, Academic Libraries Survey, 2000, 2002, 2004, 2006, and 2008. Although the data in this table come from a census of academic libraries and are not subject to sampling error, the census results do contain nonsampling error. Additional information on nonsampling error, response rates, and definitions may be found in Appendix A Technical Notes of the Academic Libraries: 2008 First Look.

Appendix H—Academic Libraries Survey Response Rates

Table H-3b. Academic Libraries Survey Total Response Rates (NCES) by Publication Cell: 2006

| | Overall | Public | Private | 4-year+ | Less than 4-year | Doctors | Masters | Bachelors | Enrolled under 1,000 | 1,000 to 2,999 | 3,000 to 4,999 | 5,000 to 9,999 | 10,000 to 19,999 | 20,000 or more | Doctoral/Research | Master's I and II | Baccalaureate | Baccal/Assoc | Associates | Specialized | Not classified |
|---|---------|--------|---------|---------|------------------|---------|---------|-----------|----------------------|----------------|----------------|----------------|------------------|----------------|-------------------|-------------------|---------------|--------------|------------|-------------|----------------|
| Eligibility Questions | | | | | | | | | | | | | | | | | | | | | |
| Organized collection (yes/no) | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 |
| Paid, trained library staff (yes/no) | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 |
| Established hours (yes/no) | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 |
| Physical facilities (yes/no) | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 |
| Part A - Outlets | | | | | | | | | | | | | | | | | | | | | |
| Branches | 87 | 88 | 86 | 88 | 87 | 88 | 87 | 87 | 86 | 88 | 88 | 88 | 87 | 89 | 88 | 88 | 88 | 85 | 88 | 86 | 82 |
| Part B - Staff | | | | | | | | | | | | | | | | | | | | | |
| Number of full-time equivalents | | | | | | | | | | | | | | | | | | | | | |
| Librarians | 88 | 89 | 88 | 88 | 88 | 89 | 88 | 89 | 88 | 88 | 88 | 89 | 89 | 89 | 89 | 89 | 88 | 89 | 89 | 88 | 87 |
| Other professional staff | 88 | 89 | 88 | 88 | 88 | 89 | 88 | 89 | 88 | 89 | 88 | 89 | 89 | 89 | 89 | 89 | 88 | 89 | 89 | 88 | 87 |
| Total librarians and other professional staff | 88 | 89 | 88 | 88 | 88 | 89 | 88 | 89 | 88 | 88 | 88 | 89 | 89 | 89 | 89 | 89 | 88 | 89 | 89 | 88 | 87 |
| All other paid staff | 88 | 88 | 87 | 88 | 88 | 88 | 88 | 88 | 87 | 88 | 88 | 89 | 89 | 89 | 89 | 89 | 88 | 89 | 88 | 87 | 85 |
| Student assistants | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 89 | 88 | 88 | 88 | 89 | 89 | 88 | 88 | 89 | 88 | 89 | 89 | 88 | 86 |
| Total full-time equivalent staff | 88 | 88 | 87 | 88 | 87 | 88 | 87 | 88 | 87 | 88 | 88 | 88 | 89 | 88 | 88 | 89 | 88 | 89 | 88 | 87 | 84 |
| Salaries and wages | | | | | | | | | | | | | | | | | | | | | |
| Total librarians and other professional staff | 86 | 88 | 86 | 87 | 86 | 88 | 86 | 86 | 85 | 87 | 86 | 87 | 87 | 89 | 88 | 88 | 87 | 87 | 86 | 86 | 83 |
| All other paid staff | 87 | 87 | 86 | 87 | 86 | 88 | 86 | 87 | 86 | 87 | 86 | 88 | 87 | 89 | 88 | 88 | 87 | 87 | 87 | 86 | 83 |
| Student assistants | 86 | 86 | 85 | 86 | 85 | 87 | 86 | 86 | 85 | 86 | 86 | 87 | 86 | 87 | 88 | 87 | 86 | 87 | 85 | 84 | 82 |
| Total full-time equivalent staff | 85 | 86 | 84 | 86 | 85 | 87 | 86 | 85 | 84 | 86 | 86 | 87 | 87 | 87 | 89 | 87 | 87 | 85 | 85 | 83 | 81 |
| Employee fringe benefits (yes/no) | 88 | 89 | 88 | 88 | 88 | 88 | 88 | 89 | 88 | 89 | 88 | 89 | 89 | 88 | 88 | 88 | 88 | 89 | 88 | 88 | 88 |
| Fringe benefits | 88 | 88 | 87 | 88 | 88 | 88 | 88 | 88 | 87 | 88 | 88 | 88 | 89 | 87 | 87 | 88 | 88 | 89 | 88 | 88 | 86 |
| Part C - Expenditures | | | | | | | | | | | | | | | | | | | | | |
| Information resources | | | | | | | | | | | | | | | | | | | | | |
| One-time purchases of books, backfiles, etc. | 86 | 87 | 85 | 86 | 85 | 87 | 86 | 86 | 84 | 87 | 87 | 87 | 86 | 87 | 87 | 88 | 87 | 85 | 85 | 85 | 81 |
| Electronic | 79 | 80 | 78 | 80 | 77 | 80 | 80 | 79 | 75 | 80 | 80 | 83 | 82 | 77 | 80 | 83 | 84 | 77 | 78 | 74 | 71 |
| Audiovisual | 82 | 84 | 80 | 82 | 82 | 81 | 83 | 81 | 79 | 84 | 84 | 84 | 81 | 78 | 77 | 85 | 85 | 81 | 82 | 81 | 76 |
| Ongoing commitments to serial subscriptions | 85 | 87 | 84 | 86 | 84 | 87 | 86 | 85 | 82 | 87 | 87 | 87 | 86 | 88 | 87 | 88 | 87 | 85 | 85 | 84 | 78 |
| Electronic serials | 81 | 83 | 79 | 82 | 78 | 83 | 84 | 80 | 75 | 83 | 83 | 85 | 85 | 85 | 85 | 87 | 86 | 79 | 79 | 76 | 70 |
| Other information resources | | | | | | | | | | | | | | | | | | | | | |
| Document delivery/interlibrary loan | 86 | 87 | 85 | 86 | 85 | 87 | 87 | 85 | 84 | 87 | 87 | 87 | 86 | 89 | 87 | 88 | 87 | 83 | 86 | 85 | 80 |
| Preservation | 86 | 87 | 85 | 86 | 85 | 87 | 87 | 85 | 84 | 87 | 86 | 87 | 86 | 89 | 87 | 88 | 87 | 83 | 86 | 85 | 80 |
| Other expenditures for information resources | 86 | 87 | 85 | 86 | 85 | 87 | 87 | 84 | 83 | 87 | 87 | 87 | 86 | 89 | 87 | 88 | 87 | 83 | 85 | 85 | 80 |
| Operating expenditures | | | | | | | | | | | | | | | | | | | | | |
| Computer hardware and software | 86 | 87 | 85 | 86 | 85 | 87 | 87 | 85 | 83 | 87 | 87 | 87 | 86 | 88 | 87 | 88 | 87 | 83 | 85 | 85 | 80 |
| Bibliographic utilities, networks and consortia | 86 | 87 | 84 | 86 | 85 | 87 | 86 | 85 | 83 | 87 | 86 | 87 | 86 | 88 | 86 | 88 | 87 | 83 | 86 | 85 | 79 |
| All other operating expenditures | 85 | 87 | 84 | 86 | 85 | 87 | 86 | 84 | 83 | 87 | 86 | 87 | 86 | 88 | 86 | 88 | 87 | 83 | 85 | 85 | 80 |
| Total expenditures | 83 | 85 | 81 | 84 | 82 | 85 | 84 | 82 | 80 | 84 | 85 | 86 | 85 | 86 | 86 | 87 | 86 | 81 | 83 | 80 | 75 |

Appendix H—Academic Libraries Survey Response Rates

Table H-3b. (cont'd) - Academic Libraries Survey Total Response Rates (NCES) by Publication Cell: 2006

| | | Overall | Public | Private | 4-year+ | Less than 4-year | Doctors | Masters | Bachelors | Enrolled under 1,000 | 1,000 to 2,999 | 3,000 to 4,999 | 5,000 to 9,999 | 10,000 to 19,999 | 20,000 or more | Doctoral/Research | Master's I and II | Baccalaureate | Baccalaureate/Associates | Specialized | Not classified |
|---|----|---------|--------|---------|---------|------------------|---------|---------|-----------|----------------------|----------------|----------------|----------------|------------------|----------------|-------------------|-------------------|---------------|--------------------------|-------------|----------------|
| Part D - Collections | | | | | | | | | | | | | | | | | | | | | |
| Added during the fiscal year | | | | | | | | | | | | | | | | | | | | | |
| Books, serial backfiles and other paper materials | 84 | 87 | 82 | 85 | 83 | 86 | 85 | 83 | 80 | 85 | 86 | 88 | 86 | 88 | 86 | 87 | 87 | 81 | 85 | 83 | 74 |
| E-books | 82 | 85 | 80 | 83 | 81 | 83 | 83 | 82 | 78 | 84 | 84 | 85 | 84 | 84 | 82 | 85 | 86 | 77 | 82 | 79 | 72 |
| Microforms | 82 | 85 | 79 | 82 | 80 | 84 | 83 | 80 | 76 | 84 | 84 | 86 | 85 | 86 | 85 | 85 | 85 | 83 | 82 | 79 | 68 |
| Audiovisual materials | 83 | 86 | 81 | 84 | 82 | 85 | 84 | 82 | 79 | 84 | 86 | 87 | 83 | 86 | 84 | 86 | 86 | 81 | 84 | 82 | 73 |
| Current serial titles | 83 | 86 | 80 | 83 | 83 | 83 | 84 | 82 | 79 | 84 | 85 | 86 | 85 | 82 | 82 | 86 | 85 | 81 | 83 | 81 | 75 |
| Electronic reference and aggregation services | 81 | 83 | 79 | 81 | 80 | 81 | 82 | 81 | 78 | 82 | 83 | 84 | 83 | 74 | 77 | 84 | 84 | 79 | 82 | 80 | 70 |
| Held at end of fiscal year | | | | | | | | | | | | | | | | | | | | | |
| Books, serial backfiles and other paper materials | 85 | 87 | 82 | 85 | 84 | 87 | 85 | 83 | 81 | 86 | 87 | 88 | 87 | 88 | 87 | 88 | 87 | 79 | 85 | 83 | 75 |
| E-books | 80 | 84 | 77 | 81 | 78 | 84 | 81 | 80 | 74 | 83 | 84 | 85 | 84 | 85 | 83 | 86 | 85 | 81 | 80 | 75 | 67 |
| Microforms | 81 | 85 | 78 | 83 | 78 | 86 | 83 | 79 | 74 | 84 | 85 | 86 | 86 | 88 | 87 | 87 | 87 | 79 | 80 | 78 | 64 |
| Audiovisual materials | 83 | 86 | 81 | 83 | 82 | 86 | 84 | 81 | 78 | 85 | 86 | 86 | 86 | 86 | 86 | 87 | 87 | 79 | 83 | 81 | 70 |
| Current serial titles | 85 | 87 | 83 | 85 | 84 | 87 | 85 | 83 | 81 | 85 | 87 | 87 | 86 | 88 | 87 | 87 | 87 | 79 | 85 | 82 | 75 |
| Electronic reference services | 81 | 84 | 78 | 82 | 79 | 84 | 83 | 80 | 75 | 83 | 84 | 85 | 84 | 82 | 82 | 86 | 86 | 79 | 81 | 79 | 67 |
| Electronic library collection (yes/no) | 86 | 87 | 85 | 87 | 86 | 88 | 87 | 86 | 84 | 87 | 87 | 88 | 86 | 89 | 88 | 88 | 88 | 85 | 86 | 85 | 81 |
| Part E - Library Services (Year) | | | | | | | | | | | | | | | | | | | | | |
| Interlibrary loans and documents provided | | | | | | | | | | | | | | | | | | | | | |
| Returnable | 83 | 85 | 81 | 83 | 83 | 83 | 84 | 82 | 80 | 84 | 86 | 85 | 83 | 81 | 83 | 86 | 85 | 79 | 84 | 80 | 75 |
| Non-returnable | 83 | 85 | 81 | 83 | 83 | 83 | 84 | 82 | 80 | 84 | 86 | 85 | 83 | 81 | 83 | 86 | 85 | 81 | 84 | 80 | 75 |
| Total provided | 84 | 87 | 82 | 85 | 84 | 87 | 85 | 82 | 80 | 86 | 86 | 87 | 86 | 89 | 87 | 87 | 86 | 79 | 85 | 82 | 75 |
| Interlibrary loans and documents received | | | | | | | | | | | | | | | | | | | | | |
| Returnable | 83 | 86 | 81 | 83 | 83 | 83 | 84 | 82 | 80 | 85 | 86 | 86 | 83 | 81 | 83 | 86 | 86 | 79 | 84 | 80 | 76 |
| Non-returnable | 83 | 85 | 81 | 83 | 83 | 83 | 84 | 82 | 80 | 85 | 86 | 86 | 83 | 81 | 83 | 86 | 86 | 79 | 84 | 80 | 76 |
| Documents received from commercial services | 83 | 86 | 82 | 83 | 83 | 84 | 84 | 82 | 80 | 85 | 86 | 86 | 84 | 81 | 83 | 86 | 86 | 79 | 84 | 81 | 76 |
| Total received | 84 | 87 | 82 | 85 | 84 | 87 | 85 | 82 | 80 | 86 | 86 | 87 | 86 | 89 | 87 | 87 | 87 | 79 | 85 | 82 | 76 |
| Circulation | | | | | | | | | | | | | | | | | | | | | |
| General circulation transactions | 84 | 87 | 83 | 85 | 84 | 86 | 85 | 83 | 80 | 86 | 86 | 87 | 86 | 89 | 87 | 88 | 86 | 81 | 85 | 82 | 76 |
| Reserve circulation transactions | 83 | 85 | 81 | 83 | 83 | 84 | 83 | 81 | 79 | 85 | 85 | 85 | 86 | 80 | 82 | 86 | 85 | 77 | 84 | 80 | 74 |
| Information services to groups | | | | | | | | | | | | | | | | | | | | | |
| Number of presentations | 85 | 87 | 82 | 85 | 84 | 86 | 85 | 83 | 80 | 86 | 87 | 87 | 86 | 88 | 87 | 88 | 86 | 81 | 85 | 82 | 76 |
| Total attendance at all presentations | 84 | 87 | 82 | 85 | 84 | 86 | 85 | 83 | 80 | 86 | 86 | 87 | 86 | 88 | 87 | 88 | 86 | 81 | 85 | 82 | 76 |
| Part F - Library Services (Typical Week) | | | | | | | | | | | | | | | | | | | | | |
| Number of weekly public service hours | 86 | 88 | 84 | 86 | 85 | 87 | 86 | 85 | 83 | 87 | 87 | 88 | 87 | 89 | 87 | 88 | 87 | 81 | 86 | 84 | 80 |
| Gate count in a typical week | 82 | 85 | 80 | 82 | 83 | 83 | 83 | 81 | 79 | 83 | 86 | 85 | 83 | 84 | 83 | 86 | 82 | 79 | 84 | 80 | 73 |
| Reference transactions in a typical week | 85 | 87 | 84 | 85 | 85 | 87 | 86 | 84 | 82 | 86 | 87 | 88 | 86 | 89 | 87 | 88 | 87 | 79 | 86 | 83 | 80 |

Appendix H—Academic Libraries Survey Response Rates

Table H-3b. (cont'd) - Academic Libraries Survey Total Response Rates (NCES) by Publication Cell: 2006

| | | Overall | | Public | Private | 4-year+ | Less than 4-year | Doctors | Masters | Bachelors | Enrolled under 1,000 | | | | 1,000 to 2,999 | 3,000 to 4,999 | 5,000 to 9,999 | 10,000 to 19,999 | 20,000 or more | Doctoral/Research | Master's I and II | Baccalaureate | Baccalaureate/Associates | Specialized | Not classified |
|-------------------------------|---|---------|----|--------|---------|---------|------------------|---------|---------|-----------|----------------------|----|----|----|----------------|----------------|----------------|------------------|----------------|-------------------|-------------------|---------------|--------------------------|-------------|----------------|
| Part G - Electronic Services | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Documents digitized (yes/no) | 86 | 88 | 85 | 86 | 86 | 87 | 87 | 85 | 84 | 87 | 87 | 88 | 87 | 89 | 87 | 88 | 87 | 81 | 87 | 85 | 80 | | | |
| | Email or web library reference service (yes/no) | 86 | 88 | 85 | 86 | 86 | 87 | 87 | 85 | 84 | 87 | 87 | 88 | 87 | 89 | 88 | 88 | 87 | 81 | 87 | 85 | 81 | | | |
| | Technology to assist patrons (yes/no) | 86 | 88 | 85 | 86 | 86 | 87 | 87 | 85 | 84 | 87 | 87 | 88 | 87 | 89 | 88 | 88 | 87 | 81 | 87 | 85 | 80 | | | |
| | Electronic theses and dissertations (yes/no) | 86 | 88 | 85 | 86 | 86 | 87 | 87 | 85 | 84 | 87 | 87 | 88 | 87 | 89 | 87 | 88 | 87 | 81 | 87 | 85 | 81 | | | |
| Part H - Information Literacy | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Definition of information literacy (yes/no) | 86 | 88 | 85 | 86 | 85 | 87 | 86 | 85 | 83 | 87 | 87 | 88 | 87 | 89 | 88 | 88 | 87 | 81 | 86 | 85 | 80 | | | |
| | Incorporated literacy in mission (yes/no) | 86 | 87 | 85 | 86 | 85 | 87 | 86 | 85 | 83 | 87 | 87 | 88 | 87 | 89 | 88 | 88 | 87 | 81 | 86 | 85 | 80 | | | |
| | Incorporated literacy in plan (yes/no) | 86 | 87 | 85 | 86 | 86 | 87 | 87 | 84 | 83 | 87 | 87 | 88 | 87 | 89 | 87 | 88 | 87 | 81 | 86 | 85 | 80 | | | |
| | Institution-wide committee on literacy (yes/no) | 81 | 85 | 77 | 81 | 80 | 85 | 82 | 77 | 73 | 83 | 85 | 86 | 84 | 89 | 85 | 87 | 83 | 73 | 82 | 75 | 69 | | | |
| | Strategic plan recognizing literacy role (yes/no) | 81 | 85 | 77 | 81 | 80 | 85 | 82 | 77 | 74 | 83 | 85 | 86 | 84 | 89 | 85 | 87 | 83 | 73 | 82 | 75 | 69 | | | |

SOURCE: U.S. Census Bureau, Academic Libraries Survey, 2000, 2002, 2004, 2006, and 2008. Although the data in this table come from a census of academic libraries and are not subject to sampling error, the census results do contain nonsampling error. Additional information on nonsampling error, response rates, and definitions may be found in Appendix A Technical Notes of the Academic Libraries: 2008 First Look.

Appendix H—Academic Libraries Survey Response Rates

Table H-3c. Academic Libraries Survey Total Response Rates (NCES) by Publication Cell: 2004

| | Overall | Public | Private | 4-year+ | Less than 4-year | Doctors | Masters | Bachelors | Enrolled under 1,000 | 1,000 to 2,999 | 3,000 to 4,999 | 5,000 to 9,999 | 10,000 to 19,999 | 20,000 or more | Doctoral/Research | Master's I and II | Baccalaureate | Baccal/Assoc | Associates | Specialized | Not classified |
|---|---------|--------|---------|---------|------------------|---------|---------|-----------|----------------------|----------------|----------------|----------------|------------------|----------------|-------------------|-------------------|---------------|--------------|------------|-------------|----------------|
| Eligibility Questions | | | | | | | | | | | | | | | | | | | | | |
| Organized collection (yes/no) | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 |
| Paid, trained library staff (yes/no) | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 |
| Established hours (yes/no) | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 |
| Physical facilities (yes/no) | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 |
| Part A - Outlets | | | | | | | | | | | | | | | | | | | | | |
| Branches | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 |
| Part B - Staff | | | | | | | | | | | | | | | | | | | | | |
| Number of full-time equivalents | | | | | | | | | | | | | | | | | | | | | |
| Librarians | 87 | 87 | 87 | 87 | 86 | 87 | 87 | 87 | 86 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 86 | 86 | 86 | 86 |
| Other professional staff | 87 | 87 | 87 | 87 | 86 | 87 | 87 | 87 | 86 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 86 | 86 | 86 | 86 |
| Total librarians and other professional staff | 87 | 87 | 87 | 87 | 86 | 87 | 87 | 87 | 86 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 86 | 86 | 86 | 86 |
| All other paid staff | 87 | 87 | 86 | 87 | 86 | 86 | 87 | 87 | 86 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 86 | 86 | 86 | 86 |
| Student assistants | 87 | 87 | 86 | 87 | 86 | 86 | 87 | 87 | 86 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 86 | 86 | 86 | 86 |
| Total full-time equivalent staff | 87 | 87 | 86 | 87 | 86 | 86 | 87 | 87 | 86 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 86 | 86 | 86 | 86 |
| Salaries and wages | | | | | | | | | | | | | | | | | | | | | |
| Total librarians and other professional staff | 85 | 86 | 84 | 86 | 84 | 86 | 86 | 86 | 84 | 85 | 86 | 86 | 87 | 87 | 87 | 86 | 86 | 83 | 85 | 84 | 83 |
| All other paid staff | 85 | 86 | 85 | 86 | 85 | 85 | 86 | 86 | 85 | 86 | 86 | 86 | 87 | 87 | 87 | 86 | 87 | 85 | 85 | 83 | 86 |
| Student assistants | 84 | 85 | 84 | 85 | 83 | 85 | 85 | 85 | 83 | 84 | 85 | 85 | 86 | 86 | 87 | 86 | 85 | 85 | 83 | 83 | 83 |
| Total full-time equivalent staff | 84 | 84 | 83 | 84 | 82 | 85 | 84 | 85 | 82 | 83 | 85 | 84 | 86 | 86 | 87 | 85 | 85 | 83 | 83 | 82 | 81 |
| Employee fringe benefits (yes/no) | 87 | 87 | 87 | 87 | 86 | 87 | 87 | 87 | 87 | 87 | 87 | 86 | 86 | 86 | 86 | 87 | 87 | 87 | 86 | 86 | 87 |
| Fringe benefits | 86 | 86 | 86 | 87 | 86 | 86 | 87 | 87 | 86 | 86 | 87 | 86 | 85 | 85 | 86 | 87 | 87 | 87 | 86 | 85 | 87 |
| Part C - Expenditures | | | | | | | | | | | | | | | | | | | | | |
| Information resources | | | | | | | | | | | | | | | | | | | | | |
| One-time purchases of books, backfiles, etc. | 85 | 86 | 84 | 85 | 83 | 85 | 85 | 85 | 83 | 85 | 87 | 85 | 87 | 87 | 87 | 87 | 86 | 83 | 84 | 84 | 81 |
| Electronic | 79 | 80 | 77 | 79 | 78 | 79 | 80 | 79 | 76 | 79 | 83 | 80 | 82 | 81 | 80 | 82 | 79 | 75 | 78 | 77 | 73 |
| Audiovisual | 82 | 84 | 81 | 82 | 82 | 80 | 83 | 82 | 80 | 83 | 85 | 83 | 81 | 81 | 79 | 84 | 83 | 81 | 83 | 81 | 78 |
| Ongoing commitments to serial subscriptions | 85 | 86 | 84 | 85 | 83 | 85 | 85 | 85 | 82 | 85 | 87 | 85 | 87 | 87 | 87 | 87 | 86 | 83 | 84 | 83 | 80 |
| Electronic serials | 81 | 83 | 79 | 82 | 79 | 82 | 83 | 80 | 76 | 82 | 84 | 84 | 83 | 85 | 83 | 85 | 83 | 79 | 79 | 80 | 73 |
| Other information resources | | | | | | | | | | | | | | | | | | | | | |
| Document delivery/interlibrary loan | 85 | 86 | 84 | 85 | 84 | 85 | 86 | 86 | 83 | 85 | 87 | 85 | 87 | 86 | 86 | 87 | 86 | 83 | 84 | 84 | 81 |
| Preservation | 85 | 85 | 84 | 85 | 83 | 85 | 86 | 85 | 83 | 85 | 87 | 85 | 87 | 85 | 86 | 87 | 86 | 83 | 84 | 83 | 81 |
| Other expenditures for information resources | 85 | 86 | 84 | 85 | 83 | 85 | 86 | 86 | 82 | 86 | 87 | 85 | 86 | 86 | 86 | 87 | 86 | 83 | 84 | 84 | 81 |
| Operating expenditures | | | | | | | | | | | | | | | | | | | | | |
| Computer hardware and software | 85 | 86 | 84 | 85 | 83 | 85 | 86 | 85 | 82 | 85 | 87 | 85 | 87 | 87 | 87 | 87 | 86 | 83 | 84 | 83 | 81 |
| Bibliographic utilities, networks and consortia | 85 | 86 | 84 | 85 | 83 | 85 | 86 | 86 | 83 | 85 | 87 | 85 | 86 | 87 | 86 | 87 | 86 | 83 | 84 | 84 | 81 |
| All other operating expenditures | 85 | 85 | 84 | 85 | 83 | 85 | 86 | 85 | 83 | 85 | 87 | 85 | 86 | 86 | 86 | 87 | 86 | 83 | 84 | 83 | 81 |
| Total expenditures | 82 | 84 | 81 | 84 | 81 | 84 | 83 | 84 | 80 | 83 | 85 | 83 | 86 | 85 | 86 | 85 | 85 | 83 | 81 | 81 | 78 |

Appendix H—Academic Libraries Survey Response Rates

Table H-3c. (cont'd) - Academic Libraries Survey Total Response Rates (NCES) by Publication Cell: 2004

| | Overall | Public | Private | 4-year+ | Less than 4-year | Doctors | Masters | Bachelors | Enrolled under 1,000 | 1,000 to 2,999 | 3,000 to 4,999 | 5,000 to 9,999 | 10,000 to 19,999 | 20,000 or more | Doctoral/Research | Master's I and II | Baccalaureate | Baccalaureate/Associates | Specialized | Not classified |
|---|---------|--------|---------|---------|------------------|---------|---------|-----------|----------------------|----------------|----------------|----------------|------------------|----------------|-------------------|-------------------|---------------|--------------------------|-------------|----------------|
| Part D - Collections | | | | | | | | | | | | | | | | | | | | |
| Added during the fiscal year | | | | | | | | | | | | | | | | | | | | |
| Books, serial backfiles and other paper materials | 84 | 85 | 83 | 85 | 82 | 85 | 85 | 84 | 82 | 84 | 86 | 86 | 87 | 85 | 86 | 87 | 85 | 83 | 83 | 79 |
| E-books | 80 | 82 | 79 | 81 | 78 | 79 | 81 | 81 | 76 | 81 | 84 | 84 | 83 | 74 | 78 | 84 | 82 | 81 | 80 | 74 |
| Microforms | 81 | 82 | 79 | 82 | 78 | 83 | 83 | 79 | 76 | 82 | 84 | 84 | 84 | 82 | 83 | 85 | 84 | 81 | 79 | 73 |
| Audiovisual materials | 83 | 84 | 82 | 84 | 82 | 83 | 84 | 83 | 81 | 83 | 85 | 85 | 85 | 82 | 83 | 85 | 85 | 83 | 83 | 77 |
| Current serial titles | 83 | 84 | 82 | 84 | 82 | 83 | 84 | 84 | 81 | 83 | 86 | 85 | 84 | 81 | 83 | 85 | 84 | 83 | 83 | 78 |
| Electronic reference and aggregation services | 73 | 74 | 73 | 74 | 72 | 70 | 77 | 75 | 72 | 74 | 78 | 75 | 70 | 62 | 65 | 77 | 76 | 73 | 73 | 70 |
| Held at end of fiscal year | | | | | | | | | | | | | | | | | | | | |
| Books, serial backfiles and other paper materials | 84 | 85 | 83 | 85 | 83 | 85 | 85 | 85 | 82 | 85 | 86 | 86 | 87 | 85 | 86 | 87 | 86 | 83 | 83 | 80 |
| E-books | 78 | 80 | 77 | 80 | 75 | 81 | 81 | 80 | 73 | 79 | 83 | 83 | 84 | 81 | 83 | 84 | 82 | 79 | 76 | 71 |
| Microforms | 80 | 83 | 78 | 82 | 77 | 84 | 83 | 80 | 74 | 82 | 83 | 85 | 85 | 85 | 86 | 86 | 85 | 79 | 78 | 71 |
| Audiovisual materials | 83 | 84 | 82 | 84 | 81 | 84 | 84 | 84 | 80 | 84 | 85 | 85 | 85 | 84 | 85 | 86 | 85 | 81 | 82 | 77 |
| Current serial titles | 84 | 85 | 83 | 85 | 82 | 85 | 85 | 85 | 82 | 84 | 86 | 86 | 86 | 85 | 85 | 87 | 86 | 83 | 83 | 79 |
| Electronic reference services | 74 | 75 | 73 | 76 | 72 | 75 | 78 | 75 | 71 | 75 | 79 | 78 | 74 | 73 | 75 | 80 | 78 | 71 | 73 | 68 |
| Electronic library collection (yes/no) | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 |
| Part E - Library Services (Year) | | | | | | | | | | | | | | | | | | | | |
| Interlibrary loans and documents provided | | | | | | | | | | | | | | | | | | | | |
| Returnable | 82 | 84 | 81 | 83 | 81 | 83 | 83 | 83 | 79 | 84 | 86 | 83 | 85 | 79 | 81 | 85 | 84 | 83 | 83 | 75 |
| Non-returnable | 82 | 84 | 81 | 83 | 81 | 83 | 83 | 83 | 79 | 84 | 86 | 83 | 85 | 79 | 81 | 85 | 84 | 83 | 83 | 75 |
| Total provided | 83 | 85 | 82 | 85 | 82 | 86 | 85 | 83 | 80 | 84 | 87 | 85 | 87 | 85 | 86 | 86 | 86 | 83 | 83 | 75 |
| Interlibrary loans and documents received | | | | | | | | | | | | | | | | | | | | |
| Returnable | 83 | 84 | 81 | 83 | 82 | 82 | 83 | 83 | 80 | 83 | 86 | 83 | 85 | 78 | 80 | 85 | 84 | 83 | 83 | 75 |
| Non-returnable | 83 | 84 | 81 | 83 | 82 | 82 | 83 | 83 | 80 | 83 | 86 | 83 | 85 | 78 | 80 | 85 | 84 | 83 | 83 | 75 |
| Documents received from commercial services | 80 | 82 | 78 | 80 | 80 | 78 | 82 | 80 | 78 | 81 | 83 | 81 | 78 | 75 | 74 | 84 | 81 | 77 | 81 | 74 |
| Total received | 84 | 85 | 82 | 85 | 82 | 85 | 85 | 84 | 81 | 84 | 87 | 86 | 87 | 85 | 86 | 87 | 85 | 83 | 83 | 76 |
| Circulation | | | | | | | | | | | | | | | | | | | | |
| General circulation transactions | 83 | 84 | 82 | 84 | 81 | 85 | 84 | 83 | 79 | 84 | 85 | 85 | 86 | 85 | 86 | 86 | 85 | 79 | 81 | 77 |
| Reserve circulation transactions | 79 | 81 | 78 | 80 | 78 | 79 | 81 | 79 | 77 | 81 | 81 | 82 | 81 | 76 | 78 | 82 | 82 | 77 | 79 | 74 |
| Information services to groups | | | | | | | | | | | | | | | | | | | | |
| Number of presentations | 84 | 85 | 83 | 85 | 82 | 85 | 85 | 84 | 81 | 84 | 86 | 85 | 87 | 85 | 86 | 86 | 85 | 83 | 83 | 77 |
| Total attendance at all presentations | 84 | 85 | 83 | 85 | 82 | 85 | 85 | 84 | 81 | 84 | 86 | 85 | 87 | 85 | 86 | 86 | 85 | 83 | 83 | 77 |
| Part F - Library Services (Typical Week) | | | | | | | | | | | | | | | | | | | | |
| Number of weekly public service hours | 85 | 86 | 84 | 85 | 83 | 85 | 85 | 85 | 82 | 85 | 87 | 86 | 87 | 84 | 86 | 87 | 86 | 85 | 84 | 80 |
| Gate count in a typical week | 83 | 84 | 82 | 84 | 82 | 83 | 84 | 84 | 81 | 84 | 85 | 85 | 86 | 81 | 84 | 86 | 84 | 85 | 83 | 79 |
| Reference transactions in a typical week | 83 | 84 | 83 | 84 | 82 | 84 | 84 | 84 | 81 | 84 | 86 | 84 | 85 | 81 | 84 | 86 | 85 | 85 | 83 | 79 |

H-13

Table H-3c. (cont'd) - Academic Libraries Survey Total Response Rates (NCES) by Publication Cell: 2004

[illegible]

SOURCE: U.S. Census Bureau, Academic Libraries Survey, 2000, 2002, 2004, 2006, and 2008. Although the data in this table come from a census of academic libraries and are not subject to sampling error, the census results do contain nonsampling error. Additional information on nonsampling error, response rates, and definitions may be found in Appendix A Technical Notes of the Academic Libraries: 2008 First Look.

--data not collected in 2004

Appendix H—Academic Libraries Survey Response Rates

Table H-3d. Academic Libraries Survey Total Response Rates (NCES) by Publication Cell: 2002

| | Overall | Public | Private | 4-year+ | Less than 4-year | Doctors | Masters | Bachelors | Enrolled under 1,000 | 1,000 to 2,999 | 3,000 to 4,999 | 5,000 to 9,999 | 10,000 to 19,999 | 20,000 or more | Doctoral/Research | Master's I and II | Baccalaureate | Baccal/Assoc | Associates | Specialized | Not classified |
|---|---------|--------|---------|---------|------------------|---------|---------|-----------|----------------------|----------------|----------------|----------------|------------------|----------------|-------------------|-------------------|---------------|--------------|------------|-------------|----------------|
| Eligibility Questions | | | | | | | | | | | | | | | | | | | | | |
| Organized collection (yes/no) | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 |
| Paid, trained library staff (yes/no) | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 |
| Established hours (yes/no) | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 |
| Physical facilities (yes/no) | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 |
| Part A - Outlets | | | | | | | | | | | | | | | | | | | | | |
| Branches | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 |
| Part B - Staff | | | | | | | | | | | | | | | | | | | | | |
| Number of full-time equivalents | | | | | | | | | | | | | | | | | | | | | |
| Librarians | 88 | 89 | 88 | 89 | 88 | 89 | 89 | 88 | 88 | 89 | 89 | 88 | 89 | 89 | 89 | 89 | 88 | 88 | 88 | 89 | 89 |
| Other professional staff | 88 | 89 | 88 | 89 | 88 | 89 | 89 | 88 | 88 | 89 | 89 | 88 | 89 | 89 | 89 | 89 | 88 | 88 | 88 | 89 | 89 |
| Total librarians and other professional staff | 88 | 89 | 88 | 89 | 88 | 89 | 89 | 88 | 88 | 89 | 89 | 88 | 89 | 89 | 89 | 89 | 88 | 88 | 88 | 89 | 89 |
| All other paid staff | 88 | 88 | 88 | 89 | 88 | 89 | 88 | 88 | 88 | 89 | 89 | 88 | 89 | 89 | 89 | 86 | 88 | 88 | 88 | 89 | 89 |
| Student assistants | 88 | 88 | 88 | 89 | 88 | 88 | 89 | 88 | 88 | 88 | 88 | 88 | 89 | 89 | 88 | 89 | 88 | 88 | 88 | 89 | 89 |
| Total full-time equivalent staff | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 89 | 89 | 88 | 86 | 88 | 88 | 88 | 89 | 89 |
| Salaries and wages | | | | | | | | | | | | | | | | | | | | | |
| Total librarians and other professional staff | 87 | 88 | 87 | 87 | 87 | 88 | 87 | 87 | 86 | 88 | 88 | 88 | 87 | 89 | 89 | 87 | 88 | 86 | 87 | 86 | 88 |
| All other paid staff | 87 | 88 | 87 | 87 | 87 | 88 | 87 | 87 | 86 | 88 | 88 | 88 | 87 | 89 | 89 | 87 | 87 | 89 | 87 | 87 | 89 |
| Student assistants | 86 | 86 | 85 | 86 | 85 | 87 | 86 | 86 | 85 | 86 | 86 | 86 | 86 | 87 | 88 | 87 | 87 | 82 | 85 | 84 | 84 |
| Total full-time equivalent staff | 85 | 86 | 84 | 85 | 84 | 87 | 84 | 85 | 83 | 86 | 86 | 86 | 86 | 87 | 88 | 86 | 86 | 82 | 85 | 83 | 83 |
| Employee fringe benefits (yes/no) | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 89 | 89 | 89 | 88 | 86 | 88 | 88 | 89 | 89 |
| Fringe benefits | 88 | 88 | 87 | 88 | 88 | 88 | 87 | 88 | 88 | 88 | 87 | 88 | 87 | 89 | 89 | 88 | 88 | 84 | 88 | 87 | 89 |
| Part C - Expenditures | | | | | | | | | | | | | | | | | | | | | |
| Information resources | | | | | | | | | | | | | | | | | | | | | |
| One-time purchases of books, backfiles, etc. | 87 | 88 | 86 | 87 | 86 | 87 | 88 | 86 | 85 | 88 | 88 | 88 | 87 | 89 | 88 | 88 | 87 | 84 | 87 | 86 | 84 |
| Electronic | 80 | 81 | 79 | 80 | 80 | 80 | 81 | 78 | 78 | 81 | 82 | 82 | 81 | 80 | 80 | 83 | 81 | 65 | 80 | 78 | 78 |
| Audiovisual | 81 | 82 | 80 | 80 | 83 | 79 | 80 | 81 | 81 | 83 | 82 | 82 | 77 | 73 | 76 | 81 | 80 | 76 | 83 | 81 | 79 |
| Ongoing commitments to serial subscriptions | 87 | 87 | 86 | 87 | 86 | 87 | 87 | 86 | 85 | 88 | 88 | 88 | 87 | 89 | 88 | 88 | 87 | 84 | 86 | 86 | 83 |
| Electronic serials | 82 | 85 | 80 | 82 | 82 | 82 | 84 | 81 | 78 | 84 | 85 | 85 | 85 | 83 | 84 | 85 | 86 | 74 | 82 | 78 | 76 |
| Other information resources | | | | | | | | | | | | | | | | | | | | | |
| Document delivery/interlibrary loan | 86 | 87 | 86 | 87 | 86 | 87 | 87 | 86 | 85 | 87 | 88 | 88 | 87 | 83 | 87 | 88 | 87 | 84 | 87 | 86 | 83 |
| Preservation | 87 | 87 | 86 | 87 | 86 | 87 | 88 | 86 | 85 | 88 | 88 | 88 | 87 | 86 | 87 | 88 | 87 | 84 | 87 | 86 | 83 |
| Other expenditures for information resources | 87 | 87 | 86 | 87 | 86 | 87 | 88 | 86 | 85 | 87 | 88 | 88 | 87 | 89 | 88 | 88 | 87 | 82 | 86 | 86 | 84 |
| Operating expenditures | | | | | | | | | | | | | | | | | | | | | |
| Computer hardware and software | 87 | 87 | 86 | 87 | 86 | 87 | 87 | 86 | 85 | 87 | 88 | 88 | 87 | 86 | 88 | 88 | 87 | 82 | 86 | 86 | 84 |
| Bibliographic utilities, networks and consortia | 87 | 87 | 86 | 87 | 86 | 87 | 87 | 86 | 85 | 87 | 88 | 87 | 87 | 84 | 87 | 88 | 87 | 84 | 87 | 86 | 83 |
| All other operating expenditures | 87 | 87 | 86 | 87 | 86 | 87 | 87 | 86 | 85 | 87 | 88 | 88 | 87 | 89 | 88 | 88 | 87 | 84 | 86 | 86 | 83 |
| Total expenditures | 83 | 85 | 81 | 83 | 82 | 85 | 83 | 82 | 80 | 84 | 86 | 85 | 86 | 82 | 86 | 85 | 84 | 78 | 83 | 81 | 78 |

Appendix H—Academic Libraries Survey Response Rates

Table H-3d. (cont'd) - Academic Libraries Survey Total Response Rates (NCES) by Publication Cell: 2002

| | | Overall | Public | Private | 4-year+ | Less than 4-year | Doctors | Masters | Bachelors | Enrolled under 1,000 | 1,000 to 2,999 | 3,000 to 4,999 | 5,000 to 9,999 | 10,000 to 19,999 | 20,000 or more | Doctoral/Research | Master's I and II | Baccalaureate | Baccalaureate/Associates | Specialized | Not classified | |
|---|----|---------|--------|---------|---------|------------------|---------|---------|-----------|----------------------|----------------|----------------|----------------|------------------|----------------|-------------------|-------------------|---------------|--------------------------|-------------|----------------|--|
| Part D - Collections | | | | | | | | | | | | | | | | | | | | | | |
| Added during the fiscal year | | | | | | | | | | | | | | | | | | | | | | |
| Books, serial backfiles and other paper materials | 85 | 86 | 84 | 86 | 84 | 86 | 86 | 84 | 83 | 86 | 87 | 86 | 87 | 89 | 88 | 86 | 86 | 84 | 85 | 84 | 82 | |
| E-books | 78 | 79 | 77 | 78 | 78 | 75 | 79 | 79 | 77 | 79 | 81 | 79 | 75 | 68 | 72 | 80 | 80 | 76 | 78 | 77 | 74 | |
| Microforms | 82 | 84 | 81 | 83 | 80 | 84 | 85 | 81 | 79 | 84 | 83 | 86 | 86 | 82 | 85 | 86 | 86 | 82 | 81 | 80 | 76 | |
| Audiovisual materials | 84 | 85 | 83 | 84 | 84 | 83 | 85 | 84 | 82 | 86 | 86 | 85 | 84 | 80 | 83 | 85 | 86 | 84 | 85 | 83 | 79 | |
| Current serial titles | 83 | 84 | 82 | 83 | 83 | 83 | 84 | 82 | 81 | 84 | 85 | 84 | 83 | 80 | 83 | 84 | 83 | 82 | 83 | 81 | 80 | |
| Electronic reference and aggregation services | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| Held at end of fiscal year | | | | | | | | | | | | | | | | | | | | | | |
| Books, serial backfiles and other paper materials | 86 | 87 | 85 | 86 | 85 | 87 | 87 | 85 | 84 | 87 | 88 | 87 | 87 | 89 | 88 | 88 | 86 | 86 | 86 | 84 | 82 | |
| E-books | 57 | 60 | 55 | 57 | 58 | 59 | 58 | 55 | 54 | 58 | 60 | 64 | 62 | 57 | 59 | 63 | 58 | 49 | 58 | 52 | 47 | |
| Microforms | 82 | 85 | 80 | 84 | 80 | 85 | 85 | 80 | 77 | 85 | 84 | 86 | 87 | 89 | 88 | 87 | 85 | 78 | 80 | 79 | 74 | |
| Audiovisual materials | 85 | 86 | 84 | 85 | 85 | 85 | 85 | 85 | 83 | 86 | 86 | 86 | 86 | 86 | 86 | 86 | 86 | 84 | 85 | 83 | 80 | |
| Current serial titles | 84 | 86 | 83 | 84 | 83 | 86 | 84 | 83 | 82 | 85 | 87 | 85 | 86 | 89 | 88 | 86 | 84 | 84 | 84 | 82 | 80 | |
| Electronic reference services | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| Electronic library collection (yes/no) | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| Part E - Library Services (Year) | | | | | | | | | | | | | | | | | | | | | | |
| Interlibrary loans and documents provided | | | | | | | | | | | | | | | | | | | | | | |
| Returnable | 84 | 85 | 83 | 84 | 84 | 83 | 85 | 84 | 83 | 86 | 85 | 83 | 84 | 78 | 81 | 86 | 85 | 82 | 85 | 83 | 82 | |
| Non-returnable | 84 | 85 | 83 | 84 | 84 | 83 | 85 | 84 | 83 | 86 | 85 | 83 | 84 | 78 | 81 | 86 | 85 | 82 | 85 | 83 | 82 | |
| Total provided | 86 | 87 | 85 | 86 | 85 | 87 | 87 | 85 | 84 | 87 | 88 | 87 | 87 | 89 | 88 | 88 | 87 | 84 | 85 | 84 | 83 | |
| Interlibrary loans and documents received | | | | | | | | | | | | | | | | | | | | | | |
| Returnable | 84 | 85 | 83 | 84 | 85 | 83 | 85 | 84 | 84 | 86 | 85 | 83 | 84 | 78 | 81 | 86 | 85 | 82 | 85 | 83 | 82 | |
| Non-returnable | 84 | 85 | 83 | 84 | 85 | 83 | 85 | 84 | 84 | 86 | 85 | 83 | 84 | 78 | 81 | 86 | 85 | 82 | 85 | 83 | 82 | |
| Documents received from commercial services | 82 | 83 | 81 | 81 | 83 | 79 | 84 | 81 | 81 | 84 | 84 | 82 | 79 | 73 | 76 | 85 | 82 | 80 | 83 | 81 | 79 | |
| Total received | 86 | 87 | 85 | 86 | 86 | 88 | 87 | 84 | 84 | 87 | 88 | 87 | 87 | 89 | 88 | 88 | 87 | 84 | 86 | 85 | 83 | |
| Circulation | | | | | | | | | | | | | | | | | | | | | | |
| General circulation transactions | 73 | 76 | 71 | 76 | 69 | 79 | 77 | 72 | 67 | 76 | 77 | 79 | 79 | 76 | 79 | 80 | 79 | 63 | 69 | 70 | 72 | |
| Reserve circulation transactions | 73 | 76 | 70 | 76 | 68 | 78 | 77 | 71 | 66 | 75 | 77 | 79 | 79 | 76 | 79 | 80 | 79 | 63 | 68 | 70 | 67 | |
| Information services to groups | | | | | | | | | | | | | | | | | | | | | | |
| Number of presentations | 86 | 87 | 85 | 86 | 85 | 86 | 87 | 85 | 84 | 87 | 87 | 86 | 87 | 87 | 87 | 87 | 86 | 86 | 85 | 84 | 84 | |
| Total attendance at all presentations | 86 | 87 | 85 | 86 | 85 | 86 | 87 | 85 | 84 | 87 | 87 | 86 | 87 | 87 | 87 | 88 | 86 | 86 | 86 | 84 | 84 | |
| Part F - Library Services (Typical Week) | | | | | | | | | | | | | | | | | | | | | | |
| Number of weekly public service hours | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 87 | 87 | 88 | 89 | 88 | 88 | 87 | 88 | 89 | 88 | 86 | 88 | 87 | 86 | |
| Gate count in a typical week | 84 | 86 | 83 | 84 | 85 | 84 | 84 | 84 | 84 | 85 | 84 | 85 | 86 | 80 | 85 | 86 | 83 | 82 | 85 | 82 | 85 | |
| Reference transactions in a typical week | 86 | 87 | 85 | 86 | 85 | 87 | 86 | 85 | 84 | 87 | 87 | 87 | 87 | 86 | 88 | 88 | 86 | 84 | 85 | 83 | 86 | |

H-16

[illegible]

Appendix A Technical Notes of the Academic Libraries: 2008 First Look.

--data not collected in 2002

Appendix H—Academic Libraries Survey Response Rates

Table H-3e. Academic Libraries Survey Total Response Rates (NCES) by Publication Cell: 2000

| | Overall | Public | Private | 4-year+ | Less than 4-year | Doctors | Masters | Bachelors | Enrolled under 1,000 | 1,000 to 2,999 | 3,000 to 4,999 | 5,000 to 9,999 | 10,000 to 19,999 | 20,000 or more | Doctoral/Research | Master's I and II | Baccalaureate | Baccal/Assoc | Associates | Specialized | Not classified |
|---|---------|--------|---------|---------|------------------|---------|---------|-----------|----------------------|----------------|----------------|----------------|------------------|----------------|-------------------|-------------------|---------------|--------------|------------|-------------|----------------|
| Eligibility Questions | | | | | | | | | | | | | | | | | | | | | |
| Organized collection (yes/no) | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 |
| Paid, trained library staff (yes/no) | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 |
| Established hours (yes/no) | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 |
| Physical facilities (yes/no) | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 |
| Part A - Outlets | | | | | | | | | | | | | | | | | | | | | |
| Branches | 83 | 84 | 82 | 83 | 83 | 84 | 83 | 83 | 82 | 83 | 83 | 83 | 85 | 84 | 84 | 83 | 83 | -- | 83 | 83 | 82 |
| Part B - Staff | | | | | | | | | | | | | | | | | | | | | |
| Number of full-time equivalents | | | | | | | | | | | | | | | | | | | | | |
| Librarians | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | -- | 87 | 87 | 87 |
| Other professional staff | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | -- | 87 | 87 | 87 |
| Total librarians and other professional staff | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | -- | 87 | 87 | 87 |
| All other paid staff | 86 | 87 | 86 | 87 | 86 | 87 | 87 | 87 | 86 | 87 | 86 | 87 | 87 | 87 | 87 | 87 | 87 | -- | 86 | 86 | 85 |
| Student assistants | 87 | 87 | 87 | 87 | 86 | 87 | 87 | 87 | 87 | 87 | 86 | 87 | 87 | 87 | 87 | 87 | 87 | -- | 86 | 87 | 87 |
| Total full-time equivalent staff | 86 | 86 | 86 | 87 | 85 | 87 | 86 | 87 | 85 | 87 | 86 | 86 | 87 | 87 | 87 | 87 | 87 | -- | 85 | 86 | 85 |
| Salaries and wages | | | | | | | | | | | | | | | | | | | | | |
| Total librarians and other professional staff | 86 | 87 | 85 | 86 | 85 | 87 | 85 | 86 | 84 | 86 | 86 | 86 | 87 | 86 | 87 | 87 | 86 | -- | 86 | 84 | 83 |
| All other paid staff | 82 | 82 | 81 | 83 | 80 | 86 | 82 | 83 | 79 | 83 | 81 | 83 | 85 | 84 | 87 | 84 | 83 | -- | 80 | 81 | 78 |
| Student assistants | 85 | 86 | 83 | 85 | 84 | 86 | 84 | 84 | 82 | 85 | 85 | 86 | 87 | 85 | 87 | 86 | 85 | -- | 85 | 83 | 81 |
| Total full-time equivalent staff | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Employee fringe benefits (yes/no) | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Fringe benefits | 85 | 86 | 83 | 84 | 86 | 85 | 84 | 84 | 82 | 86 | 85 | 86 | 87 | 84 | 85 | 86 | 86 | -- | 85 | 81 | 82 |
| Part C - Expenditures | | | | | | | | | | | | | | | | | | | | | |
| Information resources | | | | | | | | | | | | | | | | | | | | | |
| One-time purchases of books, backfiles, etc. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Electronic | 86 | 86 | 85 | 86 | 85 | 86 | 86 | 85 | 84 | 86 | 86 | 86 | 87 | 84 | 86 | 87 | 87 | -- | 86 | 84 | 83 |
| Audiovisual | 83 | 84 | 82 | 83 | 84 | 83 | 84 | 81 | 81 | 84 | 84 | 84 | 84 | 82 | 81 | 85 | 84 | -- | 84 | 81 | 79 |
| Ongoing commitments to serial subscriptions | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Electronic serials | 86 | 86 | 85 | 86 | 85 | 86 | 86 | 85 | 84 | 86 | 86 | 86 | 87 | 84 | 86 | 87 | 87 | -- | 86 | 84 | 83 |
| Other information resources | | | | | | | | | | | | | | | | | | | | | |
| Document delivery/interlibrary loan | 86 | 87 | 85 | 86 | 85 | 86 | 86 | 85 | 84 | 86 | 86 | 86 | 87 | 85 | 86 | 87 | 87 | -- | 86 | 84 | 83 |
| Preservation | 86 | 86 | 85 | 86 | 85 | 86 | 86 | 85 | 84 | 86 | 86 | 86 | 87 | 84 | 86 | 87 | 87 | -- | 86 | 84 | 83 |
| Other expenditures for information resources | 86 | 86 | 85 | 86 | 85 | 86 | 86 | 85 | 84 | 86 | 86 | 86 | 87 | 84 | 86 | 87 | 87 | -- | 86 | 84 | 83 |
| Operating expenditures | | | | | | | | | | | | | | | | | | | | | |
| Computer hardware and software | 86 | 86 | 85 | 86 | 85 | 87 | 86 | 85 | 84 | 86 | 86 | 86 | 87 | 84 | 87 | 87 | 87 | -- | 86 | 84 | 83 |
| Bibliographic utilities, networks and consortia | 86 | 86 | 85 | 86 | 85 | 87 | 86 | 85 | 84 | 86 | 86 | 86 | 87 | 84 | 87 | 87 | 87 | -- | 86 | 84 | 83 |
| All other operating expenditures | 86 | 86 | 85 | 86 | 85 | 86 | 86 | 85 | 84 | 86 | 86 | 86 | 87 | 84 | 86 | 87 | 87 | -- | 86 | 84 | 83 |
| Total expenditures | 80 | 82 | 79 | 82 | 79 | 85 | 80 | 80 | 77 | 82 | 80 | 82 | 85 | 84 | 86 | 83 | 81 | -- | 79 | 79 | 76 |

Appendix H—Academic Libraries Survey Response Rates

Table H-3e. (cont'd) - Academic Libraries Survey Total Response Rates (NCES) by Publication Cell: 2000

|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

Appendix H—Academic Libraries Survey Response Rates

Table H-3e. (cont'd) - Academic Libraries Survey Total Response Rates (NCES) by Publication Cell: 2000

| | Overall | Public | Private | 4-year+ | Less than 4-year | Doctors | Masters | Bachelors | Enrolled under 1,000 | 1,000 to 2,999 | 3,000 to 4,999 | 5,000 to 9,999 | 10,000 to 19,999 | 20,000 or more | Doctoral/Research | Master's I and II | Baccalaureate | Baccalaureate/Associates | Specialized | Not classified |
|---|---------|--------|---------|---------|------------------|---------|---------|-----------|----------------------|----------------|----------------|----------------|------------------|----------------|-------------------|-------------------|---------------|--------------------------|-------------|----------------|
| Part G - Electronic Services | | | | | | | | | | | | | | | | | | | | |
| Documents digitized (yes/no) | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Email or web library reference service (yes/no) | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Technology to assist patrons (yes/no) | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Electronic theses and dissertations (yes/no) | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Part H - Information Literacy | | | | | | | | | | | | | | | | | | | | |
| Definition of information literacy (yes/no) | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Incorporated literacy in mission (yes/no) | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Incorporated literacy in plan (yes/no) | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Institution-wide committee on literacy (yes/no) | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Strategic plan recognizing literacy role (yes/no) | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

SOURCE: U.S. Census Bureau, Academic Libraries Survey, 2000, 2002, 2004, 2006, and 2008. Although the data in this table come from a census of academic libraries and are not subject to sampling error, the census results do contain nonsampling error. Additional information on nonsampling error, response rates, and definitions may be found in Appendix A Technical Notes of the Academic Libraries: 2008 First Look.

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Appendix I

Academic Libraries Survey Total Quantity Response Rates Used in the ALS Nonresponse Bias Analysis

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Appendix I—Academic Libraries Survey Total Quantity Response Rate

Table I-1a. Academic Libraries Survey Total Quantity Response Rates (Census) by Publication Cell: 2008

| | Overall | Public | Private | 4-year+ | Less than 4-year | Doctors | Masters | Bachelors | Enrolled under 1,000 | 1,000 to 2,999 | 3,000 to 4,999 | 5,000 to 9,999 | 10,000 to 19,999 | 20,000 or more | Doctoral/Research | Master's I and II | Baccalaureate | Baccal/Assoc | Associates | Specialized | Not classified |
|---|---------|--------|---------|---------|------------------|---------|---------|-----------|----------------------|----------------|----------------|----------------|------------------|----------------|-------------------|-------------------|---------------|--------------|------------|-------------|----------------|
| Eligibility Questions | | | | | | | | | | | | | | | | | | | | | |
| Organized collection (yes/no) | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Paid, trained library staff (yes/no) | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Established hours (yes/no) | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Physical facilities (yes/no) | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Part A - Outlets | | | | | | | | | | | | | | | | | | | | | |
| Branches | 87 | 92 | 82 | 87 | 89 | 93 | 72 | 82 | 76 | 89 | 88 | 95 | 92 | 85 | 93 | 80 | 91 | 47 | 87 | 81 | 81 |
| Part B - Staff | | | | | | | | | | | | | | | | | | | | | |
| Number of full-time equivalents | | | | | | | | | | | | | | | | | | | | | |
| Librarians | 96 | 98 | 93 | 96 | 93 | 98 | 95 | 89 | 82 | 94 | 94 | 98 | 98 | 99 | 99 | 97 | 94 | 89 | 92 | 86 | 72 |
| Other professional staff | 95 | 97 | 92 | 96 | 86 | 97 | 94 | 90 | 78 | 96 | 94 | 98 | 96 | 97 | 97 | 98 | 96 | 89 | 89 | 89 | 56 |
| Total librarians and other professional staff | 95 | 98 | 93 | 96 | 91 | 98 | 95 | 89 | 81 | 94 | 94 | 98 | 97 | 99 | 99 | 97 | 94 | 89 | 92 | 87 | 67 |
| All other paid staff | 97 | 98 | 95 | 97 | 94 | 98 | 95 | 92 | 86 | 95 | 95 | 97 | 97 | 99 | 99 | 97 | 94 | 99 | 94 | 89 | 79 |
| Student assistants | 95 | 98 | 92 | 96 | 89 | 98 | 94 | 88 | 83 | 93 | 94 | 97 | 98 | 98 | 99 | 95 | 94 | 89 | 89 | 83 | 87 |
| Total full-time equivalent staff | 96 | 98 | 93 | 96 | 92 | 98 | 94 | 89 | 82 | 94 | 94 | 97 | 97 | 99 | 99 | 96 | 94 | 91 | 92 | 86 | 73 |
| Salaries and wages | | | | | | | | | | | | | | | | | | | | | |
| Total librarians and other professional staff | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S |
| All other paid staff | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S |
| Student assistants | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S |
| Total full-time equivalent staff | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S |
| Employee fringe benefits (yes/no) | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Fringe benefits | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S |
| Part C - Expenditures | | | | | | | | | | | | | | | | | | | | | |
| Information resources | | | | | | | | | | | | | | | | | | | | | |
| One-time purchases of books, backfiles, etc. | 95 | 96 | 95 | 96 | 92 | 96 | 94 | 90 | 81 | 93 | 92 | 98 | 98 | 96 | 97 | 97 | 94 | 86 | 91 | 80 | 80 |
| Electronic | 92 | 93 | 91 | 92 | 92 | 92 | 92 | 89 | 89 | 91 | 80 | 96 | 92 | 94 | 93 | 93 | 94 | 92 | 90 | 78 | 88 |
| Audiovisual | 89 | 92 | 86 | 89 | 91 | 86 | 95 | 92 | 83 | 93 | 91 | 95 | 85 | 86 | 84 | 95 | 94 | 98 | 91 | 81 | 87 |
| Ongoing commitments to serial subscriptions | 95 | 95 | 94 | 95 | 93 | 95 | 95 | 94 | 90 | 92 | 92 | 99 | 97 | 93 | 95 | 97 | 96 | 93 | 93 | 85 | 83 |
| Electronic serials | 94 | 94 | 94 | 94 | 94 | 94 | 95 | 91 | 92 | 93 | 90 | 99 | 95 | 93 | 94 | 97 | 93 | 95 | 93 | 89 | 87 |
| Other information resources | | | | | | | | | | | | | | | | | | | | | |
| Document delivery/interlibrary loan | 97 | 97 | 96 | 97 | 96 | 96 | 97 | 97 | 93 | 96 | 95 | 98 | 96 | 97 | 97 | 96 | 98 | 97 | 96 | 90 | 87 |
| Preservation | 92 | 91 | 93 | 92 | 95 | 91 | 96 | 94 | 87 | 94 | 93 | 99 | 92 | 89 | 91 | 97 | 95 | 99 | 95 | 87 | 82 |
| Other expenditures for information resources | 93 | 95 | 91 | 93 | 91 | 93 | 93 | 89 | 94 | 95 | 90 | 99 | 84 | 96 | 92 | 95 | 93 | 99 | 92 | 98 | 100 |
| Operating expenditures | | | | | | | | | | | | | | | | | | | | | |
| Computer hardware and software | 95 | 96 | 94 | 96 | 91 | 97 | 94 | 85 | 80 | 92 | 94 | 98 | 98 | 97 | 97 | 97 | 91 | 77 | 90 | 85 | 87 |
| Bibliographic utilities, networks and consortia | 94 | 95 | 93 | 94 | 92 | 95 | 95 | 92 | 87 | 94 | 92 | 98 | 99 | 92 | 95 | 95 | 96 | 71 | 92 | 85 | 75 |
| All other operating expenditures | 91 | 94 | 87 | 91 | 93 | 91 | 93 | 94 | 85 | 91 | 95 | 98 | 96 | 86 | 90 | 97 | 95 | 85 | 94 | 82 | 90 |
| Total expenditures | 92 | 92 | 91 | 93 | 86 | 93 | 93 | 87 | 78 | 90 | 90 | 95 | 95 | 92 | 93 | 96 | 93 | 88 | 86 | 77 | 66 |

I-4

| | Overall | | | Public | | | Private | | | 4-year+ | | | Less than 4-year | | | Doctors | | | Masters | | | Bachelors | | | Enrolled under 1,000 | | | 1,000 to 2,999 | | | 3,000 to 4,999 | | | 5,000 to 9,999 | | | 10,000 to 19,999 | | | 20,000 or more | | | Doctoral/Research | | | Master's I and II | | | Baccalaureate | | | Baccalaureate/Associates | | | Specialized | | | Not classified | | |
|---|---------|----|----|--------|----|----|---------|----|-----|---------|----|-----|------------------|----|----|---------|-----|-----|---------|----|-----|-----------|--|--|----------------------|--|--|----------------|--|--|----------------|--|--|----------------|--|--|------------------|--|--|----------------|--|--|-------------------|--|--|-------------------|--|--|---------------|--|--|--------------------------|--|--|-------------|--|--|----------------|--|--|
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Part D - Collections | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Added during the fiscal year | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Books, serial backfiles and other paper materials | 95 | 97 | 93 | 96 | 90 | 97 | 94 | 91 | 83 | 93 | 92 | 98 | 97 | 98 | 98 | 96 | 94 | 94 | 90 | 84 | 82 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-books | 93 | 95 | 91 | 94 | 90 | 92 | 98 | 96 | 81 | 98 | 97 | 99 | 92 | 91 | 91 | 97 | 99 | 96 | 90 | 92 | 80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Microforms | 96 | 96 | 96 | 96 | 99 | 96 | 97 | 99 | 100 | 98 | 96 | 99 | 97 | 95 | 95 | 98 | 98 | 98 | 99 | 98 | 97 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Audiovisual materials | 80 | 79 | 82 | 79 | 91 | 75 | 92 | 93 | 84 | 92 | 93 | 96 | 95 | 65 | 74 | 93 | 96 | 97 | 91 | 86 | 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Current serial titles | 97 | 97 | 99 | 97 | 98 | 97 | 99 | 99 | 98 | 99 | 99 | 99 | 99 | 93 | 96 | 99 | 100 | 94 | 98 | 99 | 98 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Electronic reference and aggregation services | 94 | 96 | 92 | 96 | 72 | 95 | 94 | 98 | 91 | 97 | 81 | 100 | 96 | 93 | 96 | 95 | 95 | 69 | 73 | 96 | 94 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Held at end of fiscal year | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Books, serial backfiles and other paper materials | 96 | 98 | 93 | 96 | 89 | 98 | 93 | 91 | 80 | 93 | 92 | 98 | 98 | 99 | 99 | 96 | 94 | 91 | 89 | 79 | 57 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-books | 92 | 96 | 87 | 92 | 91 | 92 | 96 | 85 | 71 | 95 | 95 | 97 | 89 | 95 | 92 | 96 | 97 | 85 | 88 | 72 | 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Microforms | 96 | 96 | 95 | 96 | 91 | 96 | 95 | 94 | 93 | 91 | 90 | 98 | 98 | 96 | 96 | 96 | 95 | 90 | 90 | 82 | 59 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Audiovisual materials | 87 | 89 | 84 | 87 | 88 | 87 | 93 | 91 | 83 | 92 | 93 | 97 | 98 | 80 | 86 | 96 | 96 | 97 | 88 | 86 | 32 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Current serial titles | 95 | 98 | 93 | 96 | 91 | 96 | 96 | 96 | 88 | 96 | 95 | 99 | 93 | 98 | 96 | 98 | 98 | 83 | 91 | 90 | 92 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Electronic reference services | 83 | 93 | 73 | 85 | 69 | 95 | 82 | 60 | 43 | 96 | 94 | 100 | 98 | 93 | 96 | 100 | 99 | 50 | 70 | 40 | 8.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Electronic library collection (yes/no) | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Part E - Library Services (Year) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interlibrary loans and documents provided | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Returnable | 91 | 90 | 92 | 91 | 92 | 89 | 96 | 92 | 82 | 93 | 93 | 96 | 96 | 84 | 88 | 97 | 96 | 76 | 91 | 77 | 61 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Non-returnable | 86 | 84 | 89 | 86 | 82 | 84 | 94 | 94 | 81 | 91 | 93 | 96 | 93 | 77 | 83 | 96 | 94 | 83 | 80 | 84 | 89 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total provided | 95 | 96 | 95 | 96 | 93 | 96 | 95 | 93 | 85 | 93 | 92 | 98 | 97 | 97 | 97 | 97 | 96 | 77 | 92 | 82 | 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interlibrary loans and documents received | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Returnable | 92 | 92 | 92 | 91 | 95 | 91 | 93 | 92 | 85 | 92 | 94 | 97 | 95 | 87 | 90 | 94 | 96 | 73 | 94 | 86 | 74 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Non-returnable | 89 | 88 | 92 | 90 | 74 | 88 | 96 | 97 | 83 | 96 | 93 | 97 | 95 | 80 | 85 | 96 | 97 | 94 | 78 | 91 | 83 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Documents received from commercial services | 84 | 96 | 66 | 72 | 96 | 75 | 61 | 88 | 91 | 68 | 99 | 82 | 97 | 96 | 98 | 21 | 90 | 100 | 96 | 94 | 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total received | 95 | 97 | 92 | 95 | 94 | 96 | 93 | 94 | 85 | 89 | 94 | 99 | 97 | 97 | 97 | 90 | 96 | 78 | 94 | 88 | 79 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Circulation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| General circulation transactions | 96 | 98 | 92 | 96 | 92 | 97 | 93 | 92 | 80 | 93 | 91 | 96 | 96 | 99 | 99 | 95 | 95 | 93 | 92 | 77 | 65 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Reserve circulation transactions | 94 | 96 | 89 | 94 | 92 | 94 | 94 | 96 | 81 | 93 | 92 | 92 | 96 | 94 | 94 | 96 | 96 | 97 | 92 | 78 | 74 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Information services to groups | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Number of presentations | 93 | 96 | 87 | 94 | 89 | 97 | 90 | 86 | 76 | 89 | 91 | 96 | 95 | 97 | 99 | 94 | 93 | 73 | 89 | 82 | 70 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total attendance at all presentations | 92 | 95 | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Appendix I—Academic Libraries Survey Total Quantity Response Rate

Table I-1a. (cont'd) - Academic Libraries Survey Total Quantity Response Rates (Census) by Publication Cell: 2008

| | Overall | Public | Private | 4-year+ | Less than 4-year | Doctors | Masters | Bachelors | Enrolled under 1,000 | 1,000 to 2,999 | 3,000 to 4,999 | 5,000 to 9,999 | 10,000 to 199,999 | 20,000 or more | Doctoral/Research | Master's I and II | Baccalaureate | Baccalaureate/Associates | Specialized | Not classified |
|---|---------|--------|---------|---------|------------------|---------|---------|-----------|----------------------|----------------|----------------|----------------|-------------------|----------------|-------------------|-------------------|---------------|--------------------------|-------------|----------------|
| Part G - Electronic Services | | | | | | | | | | | | | | | | | | | | |
| Documents digitized (yes/no) | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Email or web library reference service (yes/no) | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Technology to assist patrons (yes/no) | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Electronic theses and dissertations (yes/no) | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Part H - Information Literacy | | | | | | | | | | | | | | | | | | | | |
| Definition of information literacy (yes/no) | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Incorporated literacy in mission (yes/no) | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Incorporated literacy in plan (yes/no) | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Institution-wide committee on literacy (yes/no) | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Strategic plan recognizing literacy role (yes/no) | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

SOURCE: U.S. Census Bureau, Academic Libraries Survey, 2000, 2002, 2004, 2006, and 2008. Although the data in this table come from a census of academic libraries and are not subject to sampling error, the census results do contain nonsampling error. Additional information on nonsampling error, response rates, and definitions may be found in Appendix A Technical Notes of the Academic Libraries: 2008 First Look.

s=suppressed, --=TQRRs not performed

9-1

| | Overall | | | Public | | Private | | 4-year+ | | Less than 4-year | | Doctors | | Masters | | Bachelors | | Enrolled under 1,000 | | 1,000 to 2,999 | | 3,000 to 4,999 | | 5,000 to 9,999 | | 10,000 to 19,999 | | 20,000 or more | | Doctoral/Research | | Master's I and II | | Baccalaureate | | Baccal/Assoc | | Associates | | Specialized | | Not classified | | | | |
|---|---------|----|----|--------|----|---------|----|---------|----|------------------|----|---------|----|---------|----|-----------|----|----------------------|----|----------------|----|----------------|----|----------------|----|------------------|----|----------------|----|-------------------|----|-------------------|----|---------------|----|--------------|----|------------|----|-------------|----|----------------|----|----|----|--|
| Eligibility Questions | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Organized collection (yes/no) | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| Paid, trained library staff (yes/no) | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| Established hours (yes/no) | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| Physical facilities (yes/no) | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| Part A - Outlets | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Branches | 92 | 95 | 89 | 93 | 89 | 97 | 89 | 84 | 79 | 91 | 93 | 91 | 95 | 98 | 98 | 97 | 92 | 100 | 88 | 81 | 81 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Part B - Staff | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Number of full-time equivalents | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Librarians | 95 | 97 | 93 | 96 | 91 | 97 | 93 | 93 | 84 | 92 | 94 | 95 | 98 | 98 | 98 | 95 | 95 | 95 | 91 | 85 | 82 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Other professional staff | 95 | 96 | 93 | 96 | 89 | 97 | 92 | 94 | 88 | 93 | 89 | 95 | 95 | 98 | 98 | 94 | 97 | 90 | 88 | 85 | 95 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total librarians and other professional staff | 95 | 97 | 93 | 96 | 90 | 97 | 93 | 93 | 85 | 92 | 93 | 95 | 97 | 98 | 98 | 95 | 96 | 94 | 91 | 85 | 85 | | | | | | | | | | | | | | | | | | | | | | | | | |
| All other paid staff | 96 | 97 | 94 | 96 | 92 | 97 | 94 | 96 | 88 | 92 | 95 | 96 | 97 | 98 | 98 | 96 | 95 | 98 | 93 | 85 | 93 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Student assistants | 94 | 95 | 92 | 95 | 88 | 97 | 92 | 89 | 85 | 91 | 93 | 95 | 98 | 96 | 97 | 95 | 93 | 87 | 88 | 85 | 81 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total full-time equivalent staff | 95 | 96 | 93 | 95 | 90 | 97 | 93 | 92 | 85 | 92 | 94 | 95 | 97 | 97 | 97 | 95 | 94 | 93 | 91 | 84 | 84 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Salaries and wages | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total librarians and other professional staff | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

I-7

| | Overall | | | Public | | | Private | | | 4-year+ | | | Less than 4-year | | | Doctors | | | Masters | | | Bachelors | | | Enrolled under 1,000 | | | 1,000 to 2,999 | | | 3,000 to 4,999 | | | 5,000 to 9,999 | | | 10,000 to 19,999 | | | 20,000 or more | | | Doctoral/Research | | | Master's I and II | | | Baccalaureate | | | Baccalaureate/Associates | | | Specialized | | | Not classified | | |
|---|---------|----|----|--------|----|----|---------|-----|----|---------|-----|-----|------------------|----|----|---------|-----|-----|---------|----|-----|-----------|--|--|----------------------|--|--|----------------|--|--|----------------|--|--|----------------|--|--|------------------|--|--|----------------|--|--|-------------------|--|--|-------------------|--|--|---------------|--|--|--------------------------|--|--|-------------|--|--|----------------|--|--|
| Part D - Collections | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Added during the fiscal year | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Books, serial backfiles and other paper materials | 95 | 97 | 92 | 95 | 90 | 96 | 93 | 93 | 84 | 92 | 93 | 96 | 96 | 98 | 97 | 95 | 94 | 96 | 91 | 82 | 86 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-books | 93 | 94 | 93 | 93 | 96 | 92 | 95 | 95 | 93 | 94 | 97 | 98 | 92 | 90 | 91 | 95 | 99 | 86 | 93 | 89 | 89 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Microforms | 98 | 99 | 95 | 98 | 98 | 98 | 97 | 99 | 99 | 96 | 97 | 98 | 97 | 98 | 98 | 97 | 98 | 99 | 98 | 96 | 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Audiovisual materials | 90 | 94 | 86 | 90 | 89 | 89 | 94 | 91 | 84 | 90 | 86 | 97 | 92 | 89 | 89 | 95 | 96 | 93 | 88 | 87 | 82 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Current serial titles | 97 | 98 | 97 | 97 | 98 | 95 | 99 | 100 | 99 | 99 | 99 | 98 | 95 | 93 | 93 | 99 | 100 | 100 | 99 | 99 | 98 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Electronic reference and aggregation services | 98 | 98 | 97 | 98 | 97 | 99 | 97 | 95 | 96 | 94 | 100 | 100 | 90 | 98 | 98 | 99 | 97 | 84 | 97 | 99 | 81 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Held at end of fiscal year | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Books, serial backfiles and other paper materials | 95 | 96 | 93 | 95 | 89 | 96 | 92 | 92 | 81 | 92 | 94 | 97 | 97 | 97 | 97 | 95 | 94 | 85 | 90 | 81 | 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-books | 91 | 94 | 89 | 91 | 95 | 90 | 92 | 93 | 89 | 94 | 92 | 98 | 85 | 91 | 89 | 95 | 95 | 88 | 93 | 88 | 78 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Microforms | 96 | 97 | 94 | 96 | 90 | 97 | 95 | 96 | 91 | 91 | 93 | 97 | 96 | 98 | 97 | 96 | 96 | 97 | 90 | 83 | 91 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Audiovisual materials | 88 | 91 | 81 | 88 | 90 | 88 | 88 | 90 | 85 | 91 | 82 | 95 | 96 | 85 | 88 | 89 | 96 | 87 | 90 | 86 | 62 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Current serial titles | 96 | 97 | 95 | 96 | 95 | 97 | 95 | 92 | 89 | 95 | 97 | 96 | 97 | 97 | 97 | 98 | 96 | 99 | 95 | 86 | 73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Electronic reference services | 95 | 98 | 91 | 96 | 91 | 97 | 96 | 84 | 84 | 88 | 99 | 100 | 98 | 96 | 94 | 99 | 92 | 97 | 89 | 86 | 80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Electronic library collection (yes/no) | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Part E - Library Services (Year) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interlibrary loans and documents provided | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Returnable | 91 | 91 | 90 | 91 | 90 | 90 | 92 | 90 | 82 | 90 | 96 | 93 | 95 | 87 | 90 | 94 | 94 | 76 | 89 | 77 | 92 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Non-returnable | 89 | 89 | 88 | 89 | 82 | 88 | 90 | 92 | 78 | 91 | 88 | 96 | 95 | 84 | 88 | 93 | 92 | 75 | 83 | 85 | 95 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total provided | 95 | 97 | 92 | 96 | 92 | 97 | 92 | 91 | 81 | 91 | 93 | 97 | 98 | 98 | 98 | 94 | 94 | 76 | 91 | 83 | 94 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interlibrary loans and documents received | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Returnable | 91 | 91 | 91 | 91 | 89 | 91 | 91 | 91 | 85 | 89 | 93 | 94 | 95 | 88 | 91 | 91 | 94 | 83 | 88 | 84 | 91 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Non-returnable | 91 | 90 | 91 | 91 | 66 | 91 | 92 | 95 | 77 | 93 | 91 | 96 | 93 | 86 | 90 | 93 | 95 | 82 | 69 | 83 | 95 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Documents received from commercial services | 88 | 99 | 81 | 82 | 99 | 71 | 91 | 74 | 86 | 77 | 99 | 91 | 86 | 97 | 96 | 76 | 92 | 13 | 99 | 71 | 79 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total received | 94 | 97 | 91 | 95 | 92 | 96 | 92 | 92 | 83 | 88 | 95 | 97 | 97 | 97 | 98 | 90 | 95 | 82 | 92 | 84 | 93 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Circulation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| General circulation transactions | 94 | 97 | 91 | 95 | 90 | 96 | 91 | 92 | 79 | 91 | 92 | 95 | 96 | 98 | 98 | 94 | 95 | 78 | 90 | 80 | 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Reserve circulation transactions | 91 | 92 | 90 | 92 | 88 | 91 | 92 | 95 | 83 | 91 | 93 | 92 | 97 | 87 | 91 | 93 | 96 | 89 | 88 | 83 | 91 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Information services to groups | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Number of presentations | 92 | 94 | 89 | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Appendix I—Academic Libraries Survey Total Quantity Response Rate

Table I-1b. (cont'd) - Academic Libraries Survey Total Quantity Response Rates (Census) by Publication Cell: 2006

| | Overall | Public | Private | 4-year+ | Less than 4-year | Doctors | Masters | Bachelors | Enrolled under 1,000 | 1,000 to 2,999 | 3,000 to 4,999 | 5,000 to 9,999 | 10,000 to 19,999 | 20,000 or more | Doctoral/Research | Master's I and II | Baccalaureate | Baccalaureate/Associates | Specialized | Not classified |
|---|---------|--------|---------|---------|------------------|---------|---------|-----------|----------------------|----------------|----------------|----------------|------------------|----------------|-------------------|-------------------|---------------|--------------------------|-------------|----------------|
| Part G - Electronic Services | | | | | | | | | | | | | | | | | | | | |
| Documents digitized (yes/no) | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Email or web library reference service (yes/no) | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Technology to assist patrons (yes/no) | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Electronic theses and dissertations (yes/no) | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Part H - Information Literacy | | | | | | | | | | | | | | | | | | | | |
| Definition of information literacy (yes/no) | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Incorporated literacy in mission (yes/no) | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Incorporated literacy in plan (yes/no) | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Institution-wide committee on literacy (yes/no) | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Strategic plan recognizing literacy role (yes/no) | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

SOURCE: U.S. Census Bureau, Academic Libraries Survey, 2000, 2002, 2004, 2006, and 2008. Although the data in this table come from a census of academic libraries and are not subject to sampling error, the census results do contain nonsampling error. Additional information on nonsampling error, response rates, and definitions may be found in Appendix A Technical Notes of the Academic Libraries: 2008 First Look.

Appendix I—Academic Libraries Survey Total Quantity Response Rate

Table I-1c. Academic Libraries Survey Total Quantity Response Rates (Census) by Publication Cell: 2004

| | Overall | Public | Private | 4-year+ | Less than 4-year | Doctors | Masters | Bachelors | Enrolled under 1,000 | 1,000 to 2,999 | 3,000 to 4,999 | 5,000 to 9,999 | 10,000 to 19,999 | 20,000 or more | Doctoral/Research | Master's I and II | Baccalaureate | Baccal/Assoc | Associates | Specialized | Not classified |
|---|---------|--------|---------|---------|------------------|---------|---------|-----------|----------------------|----------------|----------------|----------------|------------------|----------------|-------------------|-------------------|---------------|--------------|------------|-------------|----------------|
| Eligibility Questions | | | | | | | | | | | | | | | | | | | | | |
| Organized collection (yes/no) | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Paid, trained library staff (yes/no) | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Established hours (yes/no) | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Physical facilities (yes/no) | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Part A - Outlets | | | | | | | | | | | | | | | | | | | | | |
| Branches | 94 | 96 | 90 | 95 | 90 | 98 | 93 | 87 | 85 | 88 | 86 | 98 | 99 | 100 | 99 | 97 | 93 | 96 | 89 | 83 | 87 |
| Part B - Staff | | | | | | | | | | | | | | | | | | | | | |
| Number of full-time equivalents | | | | | | | | | | | | | | | | | | | | | |
| Librarians | 95 | 97 | 94 | 97 | 89 | 98 | 94 | 92 | 81 | 91 | 94 | 97 | 99 | 100 | 100 | 97 | 95 | 97 | 90 | 83 | 73 |
| Other professional staff | 94 | 96 | 91 | 97 | 79 | 99 | 93 | 93 | 76 | 89 | 95 | 95 | 98 | 100 | 99 | 96 | 94 | 100 | 81 | 83 | 81 |
| Total librarians and other professional staff | 95 | 97 | 93 | 97 | 87 | 98 | 94 | 92 | 80 | 91 | 94 | 97 | 99 | 100 | 100 | 97 | 95 | 97 | 88 | 83 | 75 |
| All other paid staff | 97 | 97 | 96 | 98 | 91 | 99 | 95 | 94 | 86 | 91 | 93 | 98 | 99 | 100 | 100 | 97 | 95 | 96 | 92 | 84 | 78 |
| Student assistants | 95 | 97 | 93 | 96 | 88 | 98 | 94 | 91 | 83 | 92 | 93 | 96 | 99 | 100 | 99 | 97 | 94 | 95 | 88 | 82 | 79 |
| Total full-time equivalent staff | 96 | 97 | 94 | 97 | 89 | 98 | 95 | 92 | 82 | 91 | 94 | 97 | 99 | 100 | 100 | 97 | 94 | 96 | 90 | 83 | 77 |
| Salaries and wages | | | | | | | | | | | | | | | | | | | | | |
| Total librarians and other professional staff | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S |
| All other paid staff | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S |
| Student assistants | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S |
| Total full-time equivalent staff | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S |
| Employee fringe benefits (yes/no) | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Fringe benefits | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S |
| Part C - Expenditures | | | | | | | | | | | | | | | | | | | | | |
| Information resources | | | | | | | | | | | | | | | | | | | | | |
| One-time purchases of books, backfiles, etc. | 97 | 97 | 96 | 97 | 89 | 99 | 94 | 92 | 80 | 91 | 95 | 97 | 100 | 100 | 100 | 97 | 95 | 86 | 89 | 82 | 76 |
| Electronic | 93 | 97 | 89 | 93 | 86 | 93 | 93 | 93 | 89 | 88 | 89 | 98 | 99 | 88 | 93 | 97 | 90 | 81 | 87 | 94 | 90 |
| Audiovisual | 90 | 95 | 83 | 91 | 90 | 89 | 95 | 88 | 78 | 89 | 94 | 95 | 83 | 98 | 88 | 96 | 92 | 91 | 90 | 81 | 80 |
| Ongoing commitments to serial subscriptions | 98 | 98 | 97 | 98 | 89 | 99 | 95 | 96 | 86 | 93 | 95 | 98 | 100 | 100 | 100 | 97 | 96 | 94 | 90 | 87 | 83 |
| Electronic serials | 97 | 97 | 96 | 97 | 90 | 97 | 95 | 95 | 90 | 94 | 95 | 96 | 96 | 99 | 98 | 96 | 96 | 96 | 90 | 93 | 86 |
| Other information resources | | | | | | | | | | | | | | | | | | | | | |
| Document delivery/interlibrary loan | 97 | 98 | 95 | 98 | 92 | 98 | 94 | 96 | 90 | 90 | 93 | 99 | 100 | 100 | 100 | 97 | 94 | 97 | 92 | 84 | 95 |
| Preservation | 98 | 98 | 97 | 98 | 91 | 98 | 94 | 98 | 82 | 93 | 97 | 99 | 100 | 99 | 99 | 97 | 96 | 100 | 91 | 82 | 88 |
| Other expenditures for information resources | 99 | 99 | 99 | 99 | 96 | 99 | 95 | 96 | 94 | 97 | 97 | 98 | 99 | 100 | 100 | 98 | 97 | 88 | 96 | 95 | 88 |
| Operating expenditures | | | | | | | | | | | | | | | | | | | | | |
| Computer hardware and software | 96 | 98 | 94 | 97 | 88 | 98 | 95 | 90 | 82 | 90 | 95 | 98 | 100 | 100 | 100 | 98 | 94 | 84 | 88 | 78 | 93 |
| Bibliographic utilities, networks and consortia | 96 | 97 | 95 | 97 | 91 | 98 | 93 | 95 | 83 | 92 | 95 | 97 | 99 | 100 | 99 | 96 | 94 | 93 | 91 | 84 | 77 |
| All other operating expenditures | 97 | 96 | 97 | 97 | 91 | 98 | 96 | 94 | 79 | 92 | 95 | 99 | 98 | 98 | 98 | 98 | 96 | 94 | 91 | 81 | 85 |
| Total expenditures | 95 | 96 | 94 | 96 | 86 | 98 | 93 | 91 | 79 | 90 | 93 | 96 | 98 | 98 | 98 | 96 | 94 | 91 | 86 | 83 | 74 |

I-10

Table I-1c. (cont'd) - Academic Libraries Survey Total Quantity Response Rates (Census) by Publication Cell: 2004

| Table F-1c. (Cont'd) - Academic Libraries Survey Total Quantity Response Rates (Percent) by Publication Year, 2004 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | Overall | | | Public | | | Private | | | 4-year+ | | | Less than 4-year | | | Doctors | | | Masters | | | Bachelors | | | Enrolled under 1,000 | | | 1,000 to 2,999 | | | 3,000 to 4,999 | | | 5,000 to 9,999 | | | 10,000 to 19,999 | | | 20,000 or more | | | Doctoral/Research | | | Master's I and II | | | Baccalaureate | | | Associates | | | Specialized | | | Not classified | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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Appendix I—Academic Libraries Survey Total Quantity Response Rate

Table I-1c. (cont'd) - Academic Libraries Survey Total Quantity Response Rates (Census) by Publication Cell: 2004

| | Overall | Public | Private | 4-year+ | Less than 4-year | Doctors | Masters | Bachelors | Enrolled under 1,000 | 1,000 to 2,999 | 3,000 to 4,999 | 5,000 to 9,999 | 10,000 to 19,999 | 20,000 or more | Doctoral/Research | Master's I and II | Baccalaureate | Baccalaureate/Associates | Specialized | Not classified |
|---|---------|--------|---------|---------|------------------|---------|---------|-----------|----------------------|----------------|----------------|----------------|------------------|----------------|-------------------|-------------------|---------------|--------------------------|-------------|----------------|
| Part G - Electronic Services | | | | | | | | | | | | | | | | | | | | |
| Documents digitized (yes/no) | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Email or web library reference service (yes/no) | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Technology to assist patrons (yes/no) | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Electronic theses and dissertations (yes/no) | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Part H - Information Literacy | | | | | | | | | | | | | | | | | | | | |
| Definition of information literacy (yes/no) | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Incorporated literacy in mission (yes/no) | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Incorporated literacy in plan (yes/no) | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Institution-wide committee on literacy (yes/no) | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Strategic plan recognizing literacy role (yes/no) | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

SOURCE: U.S. Census Bureau, Academic Libraries Survey, 2000, 2002, 2004, 2006, and 2008. Although the data in this table come from a census of academic libraries and are not subject to sampling error, the census results do contain nonsampling error. Additional information on nonsampling error, response rates, and definitions may be found in Appendix A Technical Notes of the Academic Libraries: 2008 First Look.

s=suppressed, --=TQRRs not performed

I-12

[illegible]

I-13

Table I-1d. (cont'd) - Academic Libraries Survey Total Quantity Response Rates (Census) by Publication Cell: 2002

| | Overall | | | Public | | | Private | | | 4-year+ | | | Less than 4-year | | | Doctors | | | Masters | | | Bachelors | | | Enrolled under 1,000 | | | 1,000 to 2,999 | | | 3,000 to 4,999 | | | 5,000 to 9,999 | | | 10,000 to 19,999 | | | 20,000 or more | | | Doctoral/Research | | | Master's I and II | | | Baccalaureate | | | Baccalaureate/Associates | | | Specialized | | | Not classified | | |
|---|---------|----|----|--------|----|----|---------|----|----|---------|----|----|------------------|-----|----|---------|----|----|---------|----|----|-----------|--|--|----------------------|--|--|----------------|--|--|----------------|--|--|----------------|--|--|------------------|--|--|----------------|--|--|-------------------|--|--|-------------------|--|--|---------------|--|--|--------------------------|--|--|-------------|--|--|----------------|--|--|
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Part D - Collections | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Added during the fiscal year | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Books, serial backfiles and other paper materials | 95 | 97 | 91 | 95 | 91 | 96 | 94 | 91 | 79 | 94 | 95 | 97 | 95 | 100 | 97 | 97 | 95 | 88 | 92 | 79 | 84 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-books | 87 | 86 | 89 | 86 | 90 | 79 | 94 | 85 | 82 | 92 | 98 | 96 | 81 | 61 | 74 | 93 | 95 | 48 | 89 | 90 | 82 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Microforms | 93 | 96 | 89 | 93 | 95 | 92 | 96 | 94 | 93 | 92 | 95 | 95 | 96 | 89 | 91 | 97 | 96 | 97 | 95 | 83 | 67 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Audiovisual materials | 84 | 90 | 71 | 84 | 87 | 83 | 89 | 91 | 83 | 89 | 87 | 76 | 91 | 80 | 82 | 95 | 94 | 91 | 87 | 83 | 66 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Current serial titles | 97 | 99 | 96 | 98 | 97 | 97 | 99 | 98 | 95 | 99 | 99 | 99 | 96 | 96 | 97 | 99 | 99 | 91 | 97 | 95 | 92 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Electronic reference and aggregation services | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Held at end of fiscal year | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Books, serial backfiles and other paper materials | 95 | 97 | 91 | 95 | 90 | 96 | 94 | 91 | 77 | 93 | 95 | 96 | 95 | 100 | 97 | 97 | 94 | 84 | 91 | 75 | 82 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-books | 87 | 91 | 81 | 83 | 98 | 74 | 91 | 96 | 99 | 94 | 91 | 89 | 69 | 75 | 68 | 91 | 95 | 87 | 98 | 89 | 97 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Microforms | 96 | 98 | 92 | 97 | 88 | 97 | 96 | 89 | 82 | 91 | 94 | 97 | 97 | 100 | 97 | 98 | 94 | 93 | 88 | 75 | 81 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Audiovisual materials | 89 | 94 | 78 | 89 | 87 | 88 | 92 | 92 | 83 | 91 | 91 | 78 | 94 | 88 | 87 | 96 | 95 | 91 | 88 | 85 | 73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Current serial titles | 79 | 84 | 73 | 84 | 53 | 93 | 72 | 60 | 69 | 51 | 74 | 82 | 96 | 100 | 97 | 71 | 65 | 97 | 54 | 63 | 88 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Electronic reference services | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Electronic library collection (yes/no) | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Part E - Library Services (Year) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interlibrary loans and documents provided | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Returnable | 87 | 91 | 82 | 88 | 85 | 88 | 90 | 88 | 54 | 90 | 91 | 88 | 94 | 87 | 88 | 95 | 93 | 88 | 85 | 46 | 62 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Non-returnable | 88 | 91 | 81 | 88 | 73 | 89 | 89 | 88 | 66 | 86 | 91 | 91 | 94 | 88 | 89 | 95 | 93 | 65 | 72 | 73 | 74 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total provided | 94 | 97 | 90 | 95 | 86 | 96 | 92 | 89 | 69 | 90 | 95 | 96 | 98 | 100 | 98 | 97 | 95 | 83 | 85 | 71 | 78 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interlibrary loans and documents received | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Returnable | 90 | 91 | 88 | 90 | 83 | 89 | 93 | 94 | 74 | 90 | 95 | 89 | 93 | 88 | 89 | 95 | 94 | 97 | 84 | 66 | 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Non-returnable | 89 | 91 | 86 | 89 | 79 | 88 | 93 | 95 | 77 | 91 | 94 | 90 | 92 | 85 | 88 | 95 | 94 | 96 | 81 | 81 | 72 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Documents received from commercial services | 82 | 87 | 79 | 81 | 87 | 85 | 83 | 54 | 83 | 85 | 55 | 74 | 84 | 82 | 81 | 85 | 73 | 76 | 86 | 55 | 85 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total received | 95 | 97 | 93 | 96 | 85 | 97 | 95 | 95 | 80 | 92 | 98 | 96 | 98 | 100 | 98 | 97 | 96 | 98 | 86 | 78 | 81 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Circulation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| General circulation transactions | 84 | 87 | 80 | 85 | 81 | 86 | 84 | 79 | 68 | 82 | 84 | 89 | 88 | 85 | 85 | 91 | 88 | 63 | 81 | 67 | 80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Reserve circulation transactions | 87 | 89 | 83 | 87 | 86 | 88 | 87 | 85 | 75 | 85 | 85 | 91 | 90 | 85 | 88 | 91 | 90 | 88 | 86 | 73 | 85 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Information services to groups | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Number of presentations | 92 | 94 | 87 | 94 | 87 | 95 | 94 | 91 | 81 | 89 | 96 | 92 | 95 | 97 | 95 | 97 | 93 | 91 | 88 | 81 | 83 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total attendance at all presentations | 92 | 94 | 88 | 95 | 87 | 97 | 94 | 93 | 77 | 90 | 96 | 91 | 97 | 98 | 97 | 97 | 95 | 90 | 87 | 78 | 80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Part F - Library Services (Typical Week) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Number of weekly public service hours | 89 | 94 | 85 | 90 | 86 | 92 | 90 | 89 | 80 | 91 | 94 | 97 | 98 | 99 | 97 | 96 | 92 | 84 | 88 | 80 | 72 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gate count in a typical week | 90 | 93 | 83 | 90 | 90 | 91 | 87 | 90 | 68 | 85 | 90 | 94 | 96 | 93 | 93 | 94 | 87 | 66 | 90 | 63 | 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Reference transactions in a typical week | 92 | 94 | 87 | 93 | 89 | 94 | 93 | 85 | 75 | 90 | 94 | 93 | 97 | 94 | 94 | 98 | 87 | 87 | 89 | 74 | 80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Appendix I—Academic Libraries Survey Total Quantity Response Rate

Table I-1d. (cont'd) - Academic Libraries Survey Total Quantity Response Rates (Census) by Publication Cell: 2002

| | Overall | Public | Private | 4-year+ | Less than 4-year | Doctors | Masters | Bachelors | Enrolled under 1,000 | 1,000 to 2,999 | 3,000 to 4,999 | 5,000 to 9,999 | 10,000 to 19,999 | 20,000 or more | Doctoral/Research | Master's I and II | Baccalaureate | Baccalaureate/Assoc | Associates | Specialized | Not classified |
|---|---------|--------|---------|---------|------------------|---------|---------|-----------|----------------------|----------------|----------------|----------------|------------------|----------------|-------------------|-------------------|---------------|---------------------|------------|-------------|----------------|
| Part G - Electronic Services | | | | | | | | | | | | | | | | | | | | | |
| Documents digitized (yes/no) | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Email or web library reference service (yes/no) | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Technology to assist patrons (yes/no) | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Electronic theses and dissertations (yes/no) | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Part H - Information Literacy | | | | | | | | | | | | | | | | | | | | | |
| Definition of information literacy (yes/no) | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Incorporated literacy in mission (yes/no) | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Incorporated literacy in plan (yes/no) | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Institution-wide committee on literacy (yes/no) | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Strategic plan recognizing literacy role (yes/no) | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

SOURCE: U.S. Census Bureau, Academic Libraries Survey, 2000, 2002, 2004, 2006, and 2008. Although the data in this table come from a census of academic libraries and are not subject to sampling error, the census results do contain nonsampling error. Additional information on nonsampling error, response rates, and definitions may be found in Appendix A Technical Notes of the Academic Libraries: 2008 First Look.

s=suppressed, --=TQRRs not performed

1-15

Table I-1e. Academic Libraries Survey Total Quantity Response Rates (Census) by Publication Cell: 2000

| | Overall | Public | Private | 4-year+ | Less than 4-year | Doctors | Masters | Bachelors | Enrolled under 1,000 | 1,000 to 2,999 | 3,000 to 4,999 | 5,000 to 9,999 | 10,000 to 19,999 | 20,000 or more | Doctoral/Research | Master's I and II | Baccalaureate | Baccal/Assoc | Associates | Specialized | Not classified |
|---|---------|--------|---------|---------|------------------|---------|---------|-----------|----------------------|----------------|----------------|----------------|------------------|----------------|-------------------|-------------------|---------------|--------------|------------|-------------|----------------|
| Eligibility Questions | | | | | | | | | | | | | | | | | | | | | |
| Organized collection (yes/no) | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Paid, trained library staff (yes/no) | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Established hours (yes/no) | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Physical facilities (yes/no) | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Part A - Outlets | | | | | | | | | | | | | | | | | | | | | |
| Branches | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Part B - Staff | | | | | | | | | | | | | | | | | | | | | |
| Number of full-time equivalents | | | | | | | | | | | | | | | | | | | | | |
| Librarians | 94 | 95 | 91 | 94 | 91 | 96 | 93 | 89 | 81 | 93 | 92 | 93 | 95 | 98 | 97 | 95 | 94 | -- | 92 | 82 | 77 |
| Other professional staff | 94 | 96 | 92 | 95 | 90 | 97 | 91 | 88 | 81 | 91 | 96 | 93 | 98 | 98 | 98 | 94 | 91 | -- | 91 | 89 | 80 |
| Total librarians and other professional staff | 94 | 96 | 91 | 94 | 91 | 96 | 92 | 89 | 81 | 93 | 93 | 93 | 95 | 98 | 97 | 95 | 94 | -- | 92 | 83 | 78 |
| All other paid staff | 94 | 95 | 93 | 95 | 92 | 96 | 93 | 89 | 84 | 93 | 94 | 93 | 94 | 98 | 96 | 95 | 95 | -- | 92 | 84 | 82 |
| Student assistants | 92 | 94 | 90 | 93 | 86 | 96 | 90 | 89 | 78 | 93 | 92 | 90 | 93 | 98 | 97 | 91 | 94 | -- | 88 | 81 | 71 |
| Total full-time equivalent staff | 93 | 95 | 91 | 94 | 89 | 96 | 92 | 89 | 80 | 93 | 93 | 92 | 94 | 98 | 97 | 94 | 94 | -- | 90 | 82 | 76 |
| Salaries and wages | | | | | | | | | | | | | | | | | | | | | |
| Total librarians and other professional staff | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | -- | S | S | S |
| All other paid staff | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | -- | S | S | S |
| Student assistants | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | -- | S | S | S |
| Total full-time equivalent staff | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Employee fringe benefits (yes/no) | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Fringe benefits | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | -- | S | S | S |
| Part C - Expenditures | | | | | | | | | | | | | | | | | | | | | |
| Information resources | | | | | | | | | | | | | | | | | | | | | |
| One-time purchases of books, backfiles, etc. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Electronic | 92 | 97 | 86 | 92 | 83 | 92 | 94 | 92 | 90 | 93 | 90 | 89 | 98 | 88 | 91 | 96 | 95 | -- | 85 | 93 | 73 |
| Audiovisual | 93 | 95 | 90 | 94 | 90 | 96 | 93 | 89 | 79 | 93 | 93 | 94 | 95 | 97 | 96 | 96 | 95 | -- | 91 | 83 | 76 |
| Ongoing commitments to serial subscriptions | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Electronic serials | 95 | 96 | 94 | 95 | 91 | 97 | 92 | 90 | 84 | 93 | 94 | 94 | 96 | 98 | 98 | 94 | 95 | -- | 91 | 88 | 70 |
| Other information resources | | | | | | | | | | | | | | | | | | | | | |
| Document delivery/interlibrary loan | 93 | 94 | 92 | 94 | 89 | 94 | 92 | 91 | 87 | 91 | 95 | 92 | 94 | 95 | 95 | 94 | 95 | -- | 89 | 83 | 70 |
| Preservation | 96 | 96 | 95 | 96 | 95 | 97 | 93 | 90 | 80 | 93 | 95 | 97 | 95 | 99 | 98 | 95 | 95 | -- | 95 | 80 | 72 |
| Other expenditures for information resources | 92 | 94 | 89 | 92 | 92 | 92 | 91 | 93 | 83 | 98 | 98 | 94 | 85 | 96 | 91 | 96 | 96 | -- | 94 | 94 | 64 |
| Operating expenditures | | | | | | | | | | | | | | | | | | | | | |
| Computer hardware and software are | 92 | 96 | 86 | 93 | 89 | 94 | 93 | 91 | 78 | 93 | 93 | 94 | 96 | 92 | 94 | 95 | 95 | -- | 90 | 84 | 66 |
| Bibliographic utilities, networks and consortia | 94 | 96 | 91 | 94 | 91 | 95 | 93 | 91 | 80 | 93 | 94 | 94 | 95 | 97 | 96 | 94 | 95 | -- | 91 | 82 | 71 |
| All other operating expenditures | 87 | 92 | 81 | 87 | 91 | 87 | 91 | 88 | 80 | 88 | 94 | 96 | 93 | 80 | 86 | 94 | 93 | -- | 91 | 81 | 80 |
| Total expenditures | 92 | 93 | 90 | 93 | 84 | 94 | 88 | 86 | 75 | 89 | 89 | 92 | 93 | 95 | 95 | 92 | 91 | -- | 85 | 79 | 73 |

I-16

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Appendix I—Academic Libraries Survey Total Quantity Response Rate

Table I-1e. (cont'd) - Academic Libraries Survey Total Quantity Response Rates (Census) by Publication Cell: 2000

| | Overall | Public | Private | 4-year+ | Less than 4-year | Doctors | Masters | Bachelors | Enrolled under 1,000 | 1,000 to 2,999 | 3,000 to 4,999 | 5,000 to 9,999 | 10,000 to 19,999 | 20,000 or more | Doctoral/Research | Master's I and II | Baccalaureate | Baccalaureate/Associates | Associates | Specialized | Not classified |
|---|---------|--------|---------|---------|------------------|---------|---------|-----------|----------------------|----------------|----------------|----------------|------------------|----------------|-------------------|-------------------|---------------|--------------------------|------------|-------------|----------------|
| Part G - Electronic Services | | | | | | | | | | | | | | | | | | | | | |
| Documents digitized (yes/no) | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Email or web library reference service (yes/no) | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Technology to assist patrons (yes/no) | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Electronic theses and dissertations (yes/no) | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Part H - Information Literacy | | | | | | | | | | | | | | | | | | | | | |
| Definition of information literacy (yes/no) | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Incorporated literacy in mission (yes/no) | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Incorporated literacy in plan (yes/no) | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Institution-wide committee on literacy (yes/no) | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Strategic plan recognizing literacy role (yes/no) | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

SOURCE: U.S. Census Bureau, Academic Libraries Survey, 2000, 2002, 2004, 2006, and 2008. Although the data in this table come from a census of academic libraries and are not subject to sampling error, the census results do contain nonsampling error. Additional information on nonsampling error, response rates, and definitions may be found in Appendix A Technical Notes of the Academic Libraries: 2008 First Look.

s=suppressed, --=TQRRs not performed